FILED NOV 09, 2015
DOCUMENT NO. 07220-15
FPSC - COMMISSION CLERK

Docket No. 150002-EG
Comprehensive Exhibit List for Entry into Hearing Record
November 2, 2015

EXH #	Witness	I.D. # As Filed	Exhibit Description	Issue Nos.	Entered
STAFF					
1		Exhibit List	Comprehensive Exhibit List		
FLORIDA POWER & LIGHT COMPANY (FPL) – DIRECT					
2	A. Sharma	AS-1	Schedules CT-2, CT-3, CT-5 and CT-6 (**Confidential**), Appendix A	2	**stipulated**
3	A. Sharma	AS-2	Schedule C-2, C-3, and C-5	2	**stipulated**
4	Terry J. Keith	AS-1	Schedules CT-1, CT-2, CT-3, and CT-4	1, 3 – 4, 7	**stipulated**
5	Terry J. Keith	AS-2	Schedule C-1, C-2, C-3, and C-4	1, 3 – 4, 7	**stipulated**
FLORIDA PUBLIC UTILITIES COMPANY (FPUC) – DIRECT					
6	Curtis D. Young	CDY-1 (composite)	Schedules CT-1, CT-2, CT-3, CT-4, CT-5 and CT-6	1-4	**stipulated**
7	Curtis D. Young	CDY-2 (composite)	Schedules C-1, C-2, C-3, C-4, and C-5	1-4	**stipulated**
GULF POWER COMPANY (GULF) – DIRECT					
8	John N. Floyd	JNF-1	Schedules CT-1 through CT-6	1 – 4, 7	**stipulated**
9	John N. Floyd	JNF-2	Schedules C-1 through C-6	1 – 4, 7	**stipulated**

DUKE ENERGY FLORIDA, LLC (DEF) – DIRECT					
10	Lori J. Cross	LJC-1T	ECCR Adjusted Net True-Up for January - December 2014, Schedules CT1 – CT5	1 – 4, 7	**stipulated**
11	Lori J. Cross	LJC-1P	Estimated/Actual True-Up, January – December 2015 and ECCR Factors for Billings in January – December 2016, Schedules C1 – C5	1 – 4, 7	**stipulated**
TAMPA ELECTRIC COMPANY (TECO) – DIRECT					
12	Mark R. Roche	MRR-1	Schedules supporting cost recovery factor, actual January 2014 - December 2014	1-7	**stipulated**
13	Mark R. Roche	MRR-3	Schedules supporting conservation costs projected for the period January 2016 - December 2016	1-7	**stipulated**

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 - 5	Anita Sharma
CT-3, Page 1	Anita Sharma
CT-3, Pages 2 - 3	Terry J. Keith
CT-4, Pages 1 - 6	Terry J. Keith
CT-5, Page 1	Anita Sharma
CT-6, Pages 1 - 322	Anita Sharma
Appendix A	Anita Sharma

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 150002-EG EXHIBIT: 2
PARTY: FLORIDA POWER & LIGHT COMPANY (FPL) – DIRECT
DESCRIPTION: A. Sharma AS-1

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

SCHEDULE: CT-1

JANUARY THROUGH DECEMBER 2014

	Total
1. Actual End of Period True-up (CT-3, Page 2 of 3, Lines 7 and 8)	
2. Principal	($5,165,805)
3. Interest	($4,068)
Total Actual End of Period True-up	($5,169,872)
4. Less Actual/Estimated True-up	
5. Principal	$3,189,831
6. Interest	($3,057)
Total Actual/Estimated True-up [1]	$3,186,774
7. Final Net True-up	($8,356,646)

[1] Approved per Order No. PSC-14-0632-FOF Issued October 31, 2014

Note: ( ) Reflects Underrecovery

Totals may not add due to rounding.

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

SCHEDULE: CT-2

JANUARY THROUGH DECEMBER 2014

ACTUAL V. ACTUAL/ESTIMATE FOR THE PERIOD	Actual	Actual/Estimated (1)	Difference
1. Depreciation & Return	$10,554,571	$10,819,901	($265,329)
2. Payroll & Benefits	$23,897,654	$25,344,636	($1,446,983)
3. Materials & Supplies	$397,672	($747,335)	$1,145,007
4. Outside Services	$8,730,830	$9,248,751	($517,921)
5. Advertising	$7,462,866	$7,966,394	($503,528)
6. Rebates	$205,612,582	$201,421,968	$4,190,614
7. Vehicles	$249,874	$261,950	($12,077)
8. Other	$3,117,456	$2,930,618	$186,838
9. Solid Waste Authority	$56,287,660	$56,287,656	$4
10. Subtotal Program Costs	$316,311,166	$313,534,540	$2,776,626
11. Program Revenues	$0	$0	$0
12. Subtotal Program Costs	$316,311,166	$313,534,540	$2,776,626
13. Total Adjusted Program Costs	$316,311,166	$313,534,540	$2,776,626
14. ECCR Revenues (Net of Revenue Taxes)	$327,004,940	$332,583,949	($5,579,009)
15. Prior Period True-up (Collected)/Refunded this Period	($15,859,579)	($15,859,579)	$0
16. Revenues Applicable to the Period	$311,145,361	$316,724,370	($5,579,009)
17. True-up Provision (Under)/Over Recovery - Current Period (Line 16 - Line 13)	($5,165,805)	$3,189,831	($8,355,635)
18. Interest Provision (Under)/Over Recovery - Current Period	($4,068)	($3,057)	($1,011)
19. True-up and Interest Provision (Under)/Over Recovery - Beginning of Period	($15,859,579)	($15,859,579)	$0
20. Deferred True-up from Prior Period	$1,964,488	$1,964,488	$0
21. Prior Period True-up (Collected)/Refunded this Period	$15,859,579	$15,859,579	$0
22. End of Period True-up Amount (Under)/Over Recovery	($3,205,385)	$5,151,261	($8,356,646)

(1) Approved in order No. PSC-14-0632-FOF-EG October 31, 2014

Totals may not add due to rounding.

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

SCHEDULE: CT-2

JANUARY THROUGH DECEMBER 2014

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	$147,995	$4,332,961	$33,362	$1,665,834	$5,054,692		$85,284	$599,290	$11,919,418	$0	$11,919,418
2. Residential Building Envelope		$293,518	$131	$209,516		$2,774,004	$9,748	$12,338	$3,299,254	$0	$3,299,254
3. Residential Duct System Testing & Repair		$770,026	$5,733	$47,284		$177,756	$556	($88,422)	$912,934	$0	$912,934
4. Residential Air Conditioning		$1,710,970	$1,412	$293,008		$74,261,940	$57,815	$73,669	$76,398,815	$0	$76,398,815
5. Residential New Construction (BuildSmart®)		$539,372		$108,148		$23,194		$60,845	$731,558	$0	$731,558
6. Residential Low-Income Weatherization		$45,447				$75,600		$4,637	$125,685	$0	$125,685
7. Residential Load Management ("On Call")	$6,243,364	($184,345)	$506,707	$2,787,879		$45,367,952	$52,345	$688,237	$55,462,140	$0	$55,462,140
8. Business Energy Evaluation		$4,195,591	$9,014	$683,685	$2,408,174		$22,572	$269,369	$7,588,405	$0	$7,588,405
9. Business Efficient Lighting		$202,254	$15	$61,888		$238,110		$11,124	$513,392	$0	$513,392
10. Business Heating, Ventilating & A/C		$635,455	$70	$149,627		$5,547,775	$555	$52,279	$6,385,761	$0	$6,385,761
11. Business Custom Incentive		$39,723	$100			$245,132		$4,157	$289,113	$0	$289,113
12. Business Building Envelope		$448,985	$101	$109,205		$6,982,948	$6,050	$15,680	$7,562,970	$0	$7,562,970
13. Business Water Heating		$5,089		$3,723		$1,550		$541	$10,903	$0	$10,903
14. Business Refrigeration		$42,185	$25	$6,707		$69,688		$1,528	$120,133	$0	$120,133
15. Business On Call	$349,639	$129,153	($191,696)	$331,279		$3,308,139	$25	$38,211	$3,964,749	$0	$3,964,749
16. Commercial/Industrial Load Control		$251,262	$1,351	$1,711		$40,703,621		$45,049	$41,002,993	$0	$41,002,993
17. Commercial/Industrial Demand Reduction		$299,480	$1,068	$275		$17,269,917		$61,892	$17,632,632	$0	$17,632,632
18. Res. Solar Water Heating Pilot		$258,819	$0	$77,596		$1,118,000		$5,639	$1,460,055	$0	$1,460,055
19. Res. Solar Water Heating (LINC) Pilot		$48,694				$1,019,292		$1,746	$1,069,732	$0	$1,069,732
20. Residential Photovoltaic Pilot		$126,384	$6			$4,498,068		$3,129	$4,627,588	$0	$4,627,588
21. Business Solar Water Heating Pilot		$30,548	$0	$31,992		$5,610		$757	$68,907	$0	$68,907
22. Business Photovoltaic Pilot		$70,304		$56,277		$1,924,288		$1,479	$2,052,346	$0	$2,052,346
23. Business Photovoltaic for Schools Pilot	$1,148,233	$143,927	$62	$58,763			$38	$5,815	$1,356,837	$0	$1,356,837
24. Renewable Research & Demo. Project		$64,750	$505	$795,397				$30,122	$890,773	$0	$890,773
25. Solar Pilot Projects Common Expenses	$442,146	$75,978		$20,553				$4,695	$543,372	$0	$543,372
26. Cogeneration & Small Power Production		$698,523	$256	$45,965				($196,808)	$547,935	$0	$547,935
27. Conservation Research & Development		$102,313	$18,325	$374,182				$234	$495,053	$0	$495,053
28. Common Expenses	$2,223,195	$8,520,287	$11,123	$810,335			$14,886	$1,410,227	$12,990,054	$0	$12,990,054
29. Subtotal All Programs	$10,554,571	$23,897,654	$397,672	$8,730,830	$7,462,866	$205,612,582	$249,874	$3,117,456	$260,023,506	$0	$260,023,506
30.Solid Waste Authority									$56,287,660	$0	$56,287,660
31. Recoverable Conservation Expenses	$10,554,571	$23,897,654	$397,672	$8,730,830	$7,462,866	$205,612,582	$249,874	$3,117,456	$316,311,166	$0	$316,311,166

Totals may not add due to rounding.

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

SCHEDULE: CT-2

JANUARY THROUGH DECEMBER 2014

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		($136,089)	$6,995	$146,771	($418,725)		$14,035	$142,859	($244,155)	$0	($244,155)
2. Residential Building Envelope		$7,791	$87	($26,942)		($126,330)	($36)	($12,671)	($158,102)	$0	($158,102)
3. Residential Duct System Testing & Repair		($10,706)	$1,130	($23,450)		($36,238)	($7,926)	$32,837	($44,353)	$0	($44,353)
4. Residential Air Conditioning		($83,608)	$754	($74,515)		$4,186,122	($2,608)	($58,119)	$3,968,026	$0	$3,968,026
5. Residential New Construction (BuildSmart®)		$19,261		$17,008		($6,502)	($7,253)	$777	$23,290	$0	$23,290
6. Residential Low-Income Weatherization		$5,230		($1,072)		($10,606)		($256)	($6,703)	$0	($6,703)
7. Residential Load Management ("On Call")	($74,883)	($1,027,729)	$1,155,443	$95,213		($1,443,655)	$27,907	$190,532	($1,077,172)	$0	($1,077,172)
8. Business Energy Evaluation		$39,394	($302)	($209,735)	($84,803)		($17,437)	($39,489)	($312,371)	$0	($312,371)
9. Business Efficient Lighting		($58,686)		$8,545		$81,585	($659)	$1,260	$32,044	$0	$32,044
10. Business Heating, Ventilating & A/C		($113,345)	$38	($12,918)		$2,077,920	($4,949)	($25,941)	$1,920,805	$0	$1,920,805
11. Business Custom Incentive		$8,820	$100	($25,700)		($196,448)		($1,134)	($214,362)	$0	($214,362)
12. Business Building Envelope		($41,327)	$53	($2,171)		$794,500	($656)	($3,810)	$746,589	$0	$746,589
13. Business Water Heating		($2,063)		($285)		($2,996)		$88	($5,255)	$0	($5,255)
14. Business Refrigeration		$26,991	$25	$168		$27,864	($20)	($949)	$54,079	$0	$54,079
15. Business On Call	($4,081)	($4,708)	($48,070)	$40,166		($17,450)	($1,994)	($777)	($36,914)	$0	($36,914)
16. Commercial/Industrial Load Control		$4,139	($44)	($2,496)		$423,444	($124)	($21,224)	$403,695	$0	$403,695
17. Commercial/Industrial Demand Reduction		$6,101	$339	($6,696)		($625,322)	($125)	($18,658)	($644,362)	$0	($644,362)
18. Res. Solar Water Heating Pilot		$15,516	$0	$32,324		($105,000)	($659)	$1,152	($56,668)	$0	($56,668)
19. Res. Solar Water Heating (LINC) Pilot		$3,994				($432,405)		$142	($428,269)	$0	($428,269)
20. Residential Photovoltaic Pilot		($39,610)	$3			($138,988)	($659)	($861)	($180,115)	$0	($180,115)
21. Business Solar Water Heating Pilot		($2,135)	$0	$15,388		($198,742)		($479)	($185,968)	$0	($185,968)
22. Business Photovoltaic Pilot		($7,869)		$7,872		($60,138)		$217	($59,918)	$0	($59,918)
23. Business Photovoltaic for Schools Pilot	($145,851)	$29,142	$45	($32,621)				($9,845)	($159,130)	$0	($159,130)
24. Renewable Research & Demo. Project		$24,159	$505	($2,347)				$29,382	$51,699	$0	$51,699
25. Solar Pilot Projects Common Expenses	$0	$2,024		$20,553				$3,721	$26,298	$0	$26,298
26. Cogeneration & Small Power Production		$47,535	$256	$43,147				($15,036)	$75,902	$0	$75,902
27. Conservation Research & Development		($5,838)	$18,316	($71,080)					($58,602)	$0	($58,602)
28. Common Expenses	($40,514)	($153,369)	$9,334	($453,049)			($8,912)	($6,880)	($653,388)	$0	($653,388)
29. Subtotal All Programs	($265,329)	($1,446,983)	$1,145,007	($517,921)	($503,528)	$4,190,614	($12,077)	$186,838	$2,776,622	$0	$2,776,622
30.Solid Waste Authority									$4	$0	$4
31. Recoverable Conservation Expenses	($265,329)	($1,446,983)	$1,145,007	($517,921)	($503,528)	$4,190,614	($12,077)	$186,838	$2,776,626	$0	$2,776,626

Totals may not add due to rounding.

Energy Conservation Cost Recovery (ECCR) Account Numbers
For the Period: January through December 2014

Program Title	Account
1. Residential Home Energy Survey	408172
	908110
	909101
	910100
	925112
	926211
2. Residential Building Envelope	408172
	908110
	925112
	926211
3. Residential Duct System Testing & Repair	408172
	908110
	910100
	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
	910100
	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 & AC	408172
	908110
	909101
	925112
	926211
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

Energy Conservation Cost Recovery (ECCR) Account Numbers
For the Period: January through December 2014

Program Title	Account
15. Business On-Call	408172
	587200
	598140
	908110
	910100
	925112
	926211
16. Commercial/Industrial Load Control	408172
	908110
	925112
	926211
17. C/I Demand Reduction	408172
	908110
	925112
	926211
18. Res Solar Water Heating Pilot	408172
	908110
	925112
	926211
19. Res Solar Water Heating (LINC) Pilot	408172
	908110
	925112
	926211
20. Residential Photovoltaic Pilot	408172
	908110
	925112
	926211
21. Business Solar Water Heating Pilot	408172
	908110
	925112
	926211
22. Business Photovoltaic Pilot	408172
	908110
	925112
	926211
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
	907100
	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 2014

PROGRAM TITLE	Monthly Data												
	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
1. Residential Home Energy Survey	$663,029	$419,211	$461,324	$490,545	$509,885	$1,025,502	$2,208,306	$2,522,922	$1,870,668	$16,725	$467,049	$1,264,253	$11,919,418
2. Residential Building Envelope	$396,154	$228,257	$218,202	$220,615	$227,030	$294,083	$263,144	$296,714	$345,414	$318,291	$273,036	$218,313	$3,299,254
3. Residential Duct System Testing & Repair	$62,069	$81,709	$80,261	$81,225	$86,626	$78,309	$71,556	$61,215	$65,051	$88,816	$72,854	$83,243	$912,934
4. Residential Air Conditioning	$4,955,314	$4,970,514	$5,640,863	$5,797,021	$6,221,429	$6,341,420	$7,371,285	$8,447,929	$7,671,196	$7,727,077	$5,573,003	$5,681,764	$76,398,815
5. Residential New Construction (BuildSmart®)	$53,613	$67,141	$68,212	$66,532	$71,941	$67,018	$58,167	$47,974	$49,359	$64,935	$55,352	$61,315	$731,558
6. Residential Low-Income Weatherization	$29,281	($15,765)	$20,647	$9,142	$11,009	$10,203	$14,365	$12,386	$10,332	$9,546	$5,400	$9,141	$125,685
7. Residential Load Management ("On Call")	$3,511,381	$3,426,427	$3,275,703	$4,741,135	$5,712,472	$5,593,536	$5,403,610	$5,437,993	$5,381,687	$5,276,457	$4,046,964	$3,654,775	$55,462,140
8. Business Energy Evaluation	$472,364	$354,947	$363,157	$386,466	$428,949	$623,380	$813,988	$1,019,346	$1,336,791	$591,648	$408,103	$789,266	$7,588,405
9. Business Efficient Lighting	$40,744	$65,221	$30,111	$31,013	$45,999	$29,839	$43,932	$19,614	$76,021	$19,887	$48,005	$63,004	$513,392
10. Business Heating, Ventilating & A/C	$136,658	$496,239	$136,940	$555,359	$222,211	$122,650	$514,627	$260,643	$1,253,367	$130,694	$2,204,328	$352,045	$6,385,761
11. Business Custom Incentive	$4,772	$4,243	$4,370	$3,095	$18,996	$52,192	$5,632	$27,373	$20,213	$84,472	$8,472	$55,283	$289,113
12. Business Building Envelope	$430,904	$643,746	$702,427	$680,777	$699,320	$800,797	$495,371	$673,063	$519,627	$624,549	$591,270	$701,119	$7,562,970
13. Business Water Heating	$826	$1,577	$747	$1,068	$3,542	$922	$872	$382	$182	$345	$438	$0	$10,903
14. Business Refrigeration	$1,279	$5,481	$801	$25,978	$16,805	$2,986	$9,712	$14,064	$4,403	$27,355	$6,498	$4,770	$120,133
15. Business On Call	$64,444	$88,157	$84,731	$496,729	$566,195	$551,463	$536,251	$533,698	$539,294	$551,824	($108,513)	$60,478	$3,964,749
16. Commercial/Industrial Load Control	$2,640,073	$2,574,078	$2,985,519	$2,952,643	$2,875,689	$6,002,054	$2,956,662	$2,983,858	$3,606,285	$2,923,114	$3,371,882	$5,131,137	$41,002,993
17. Commercial/Industrial Demand Reduction	$1,251,785	$1,185,933	$1,210,186	$1,369,015	$1,560,853	$1,584,242	$1,637,636	$1,684,238	$1,722,494	$1,674,492	$1,438,958	$1,312,800	$17,632,632
18. Res. Solar Water Heating Pilot	$138,255	$143,043	$106,289	$115,368	$135,212	$141,883	$173,104	$195,513	$133,708	$106,055	$38,659	$32,967	$1,460,055
19. Res. Solar Water Heating (LINC) Pilot	$19,301	$23,151	$23,172	$22,403	$33,436	$543,487	$46,453	$9,886	$327,605	$12,424	$3,892	$4,521	$1,069,732
20. Residential Photovoltaic Pilot	$536,220	$1,458,910	$772,895	$272,125	$343,417	$442,151	$234,876	$415,919	$84,834	$27,721	$27,420	$11,099	$4,627,588
21. Business Solar Water Heating Pilot	$2,717	$5,002	$2,661	$2,589	$2,269	$19,105	$2,436	$13,484	$2,370	$11,018	$2,120	$3,136	$68,907
22. Business Photovoltaic Pilot	$63,311	$288,276	$432,335	$225,542	$45,447	$252,118	$150,273	$200,553	$226,753	$156,853	$4,299	$6,586	$2,052,346
23. Business Photovoltaic for Schools Pilot	$59,290	$60,291	$88,441	$94,218	$113,424	$122,031	$106,130	$102,371	$131,247	$157,469	$145,532	$176,394	$1,356,837
24. Renewable Research & Demo. Project	$7,086	$26,092	$28,204	$7,286	$115,736	$91,820	$48,255	$52,233	$36,094	$93,486	$183,691	$200,789	$890,773
25. Solar Pilot Projects Common Expenses	$44,531	$43,479	$43,885	$43,759	$43,517	$42,996	$43,233	$42,421	$47,892	$57,671	$45,994	$43,994	$543,372
26. Cogeneration & Small Power Production	$47,611	$36,799	$43,809	$35,280	$32,303	$31,152	$46,467	$58,406	$42,548	$66,589	$36,570	$70,400	$547,935
27. Conservation Research & Development	$28,121	$30,877	$54,464	$50,992	$13,270	$10,075	$51,426	$12,284	$11,348	$99,560	$52,090	$80,546	$495,053
28. Common Expenses	$1,082,399	$966,918	$1,265,632	$1,037,102	$1,137,979	$1,020,847	$1,041,684	$975,067	$1,057,280	$1,078,504	$1,001,435	$1,325,207	$12,990,054
29. Subtotal All Programs	$16,743,529	$17,679,955	$18,145,988	$19,815,026	$21,294,961	$25,898,260	$24,349,452	$26,121,549	$26,574,060	$21,997,579	$20,004,804	$21,398,343	$260,023,506
30.Solid Waste Authority	$4,691,414	$4,870,810	$4,834,931	$4,799,052	$4,763,172	$4,727,293	$4,688,570	$4,653,208	$4,617,846	$4,582,483	$4,547,121	$4,511,759	$56,287,660
31. Recoverable Conservation Expenses	$21,434,943	$22,550,765	$22,980,919	$24,614,078	$26,058,133	$30,625,554	$29,038,022	$30,774,757	$31,191,906	$26,580,062	$24,551,925	$25,910,102	$316,311,166

Totals may not add due to rounding.

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

SCHEDULE: CT-3

JANUARY THROUGH DECEMBER 2014

	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. CONSERVATION PROGRAM REVENUES													
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)	$25,564,137	$24,150,715	$23,349,782	$24,459,158	$28,038,921	$28,902,001	$30,466,340	$32,232,325	$32,347,526	$28,596,811	$24,878,592	$24,018,631	$327,004,940
3. Total Revenues	$25,564,137	$24,150,715	$23,349,782	$24,459,158	$28,038,921	$28,902,001	$30,466,340	$32,232,325	$32,347,526	$28,596,811	$24,878,592	$24,018,631	$327,004,940
4. Adjustment Not Applicable To Period - Prior True-up	($1,321,632)	($1,321,632)	($1,321,632)	($1,321,632)	($1,321,632)	($1,321,632)	($1,321,632)	($1,321,632)	($1,321,632)	($1,321,632)	($1,321,632)	($1,321,632)	($15,859,579)
5. Conservation Revenues Applicable To Period (Line B3 + B4)	$24,242,506	$22,829,083	$22,028,151	$23,137,527	$26,717,289	$27,580,370	$29,144,709	$30,910,693	$31,025,894	$27,275,180	$23,556,960	$22,697,000	$311,145,361
6. Conservation Expenses (From C-3, Page 10, Line 31)	$21,434,943	$22,550,765	$22,980,919	$24,614,077	$26,058,133	$30,625,554	$29,038,022	$30,774,757	$31,191,906	$26,580,062	$24,551,925	$25,910,102	$316,311,166
7. True-up This Period (Line B5 - Line B6)	$2,807,562	$278,319	($952,768)	($1,476,551)	$659,156	($3,045,184)	$106,687	$135,936	($166,012)	$695,118	($994,965)	($3,213,102)	($5,165,805)
8. Interest Provision For The Month (From C-3, Page 12, Line C10)	($739)	($486)	($433)	($492)	($348)	($285)	($349)	($300)	($230)	($144)	($92)	($169)	($4,068)
9. True-up & Interest Provision Beginning of Month	($15,859,579)	($11,731,124)	($10,131,660)	($9,763,230)	($9,918,641)	($7,938,202)	($9,662,039)	($8,234,070)	($6,776,803)	($5,621,413)	($3,604,807)	($3,278,232)	($15,859,579)
9a. Deferred True-up Beginning of Period	$1,964,488	$1,964,488	$1,964,488	$1,964,488	$1,964,488	$1,964,488	$1,964,488	$1,964,488	$1,964,488	$1,964,488	$1,964,488	$1,964,488	$1,964,488
10. Prior True-up Collected/(Refunded)	$1,321,632	$1,321,632	$1,321,632	$1,321,632	$1,321,632	$1,321,632	$1,321,632	$1,321,632	$1,321,632	$1,321,632	$1,321,632	$1,321,632	$15,859,579
11. End of Period True-up - Over/(Under) Recovery (Line B7+B8+B9+B9a+B10)	($9,766,636)	($8,167,172)	($7,798,742)	($7,954,153)	($5,973,714)	($7,697,551)	($6,269,582)	($4,812,315)	($3,656,925)	($1,640,319)	($1,313,744)	($3,205,384)	($3,205,385)

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

SCHEDULE: CT-3

JANUARY THROUGH DECEMBER 2014

	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
C. INTEREST PROVISION													
1. Beginning True-up Amount (Line B9 + B9a)	($13,895,091)	($9,766,636)	($8,167,172)	($7,798,742)	($7,954,153)	($5,973,714)	($7,697,551)	($6,269,582)	($4,812,315)	($3,656,925)	($1,640,319)	($1,313,744)	($78,945,945)
2. Ending True-up Amount Before Interest (Line B7+B9+B9a+B10)	($9,765,897)	($8,166,686)	($7,798,309)	($7,953,661)	($5,973,366)	($7,697,266)	($6,269,233)	($4,812,015)	($3,656,695)	($1,640,175)	($1,313,652)	($3,205,215)	($68,252,170)
3. Total of Beginning & Ending True-up (Line C1+C2)	($23,660,988)	($17,933,323)	($15,965,481)	($15,752,402)	($13,927,519)	($13,670,980)	($13,966,785)	($11,081,597)	($8,469,010)	($5,297,100)	($2,953,971)	($4,518,959)	($147,198,115)
4. Average True-up Amount (50% of Line C3)	($11,830,494)	($8,966,661)	($7,982,741)	($7,876,201)	($6,963,759)	($6,835,490)	($6,983,392)	($5,540,798)	($4,234,505)	($2,648,550)	($1,476,985)	($2,259,479)	($73,599,057)
5. Interest Rate - First Day of Reporting Business Month	0.08000%	0.07000%	0.06000%	0.07000%	0.08000%	0.04000%	0.06000%	0.06000%	0.07000%	0.06000%	0.07000%	0.08000%	N/A
6. Interest Rate - First day of Subsequent Business Month	0.07000%	0.06000%	0.07000%	0.08000%	0.04000%	0.06000%	0.06000%	0.07000%	0.06000%	0.07000%	0.08000%	0.10000%	N/A
7. Total (Line C5 + C6)	0.15000%	0.13000%	0.13000%	0.15000%	0.12000%	0.10000%	0.12000%	0.13000%	0.13000%	0.13000%	0.15000%	0.18000%	N/A
8. Average Interest Rate (50% of Line C7)	0.07500%	0.06500%	0.06500%	0.07500%	0.06000%	0.05000%	0.06000%	0.06500%	0.06500%	0.06500%	0.07500%	0.09000%	N/A
9. Monthly Average Interest Rate (Line C8 / 12)	0.00625%	0.00542%	0.00542%	0.00625%	0.00500%	0.00417%	0.00500%	0.00542%	0.00542%	0.00542%	0.00625%	0.00750%	N/A
10. Interest Provision for the Month (Line C4 x C9)	($739)	($486)	($433)	($492)	($348)	($285)	($349)	($300)	($230)	($144)	($92)	($169)	($4,068)

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 2014

	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
1. Residential Home Energy Survey														
1. Investment (Net of Retirements)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
2. Depreciation Base		$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	
3. Depreciation Expense [a]		$8,757	$8,757	$8,757	$8,757	$8,757	$8,757	$8,757	$8,757	$8,757	$8,757	$8,757	$8,757	$105,082
4. Cumulative Investment (Line 2)	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	
5. Less: Accumulated Depreciation [c]	$21,892	$30,649	$39,406	$48,163	$56,920	$65,676	$74,433	$83,190	$91,947	$100,704	$109,461	$118,218	$126,974	
6. Net Investment (Line 4 - 5)	$503,519	$494,763	$486,006	$477,249	$468,492	$459,735	$450,978	$442,221	$433,465	$424,708	$415,951	$407,194	$398,437	
7. Average Net Investment		$499,141	$490,384	$481,627	$472,870	$464,114	$455,357	$446,600	$437,843	$429,086	$420,329	$411,572	$402,816	
8. Return on Average Net Investment														
a. Equity Component [b]		$2,048	$2,012	$1,976	$1,940	$1,904	$1,868	$1,821	$1,786	$1,750	$1,714	$1,678	$1,643	$22,140
b. Equity Component grossed up for taxes (Line 8a/.61425)		$3,334	$3,275	$3,217	$3,158	$3,100	$3,041	$2,965	$2,907	$2,849	$2,791	$2,733	$2,674	$36,044
c. Debt Component (Line 7 * debt rate * 1/12)		$651	$640	$628	$617	$606	$594	$549	$538	$527	$517	$506	$495	$6,869
9.Total Return Requirements (Line 8b + 8c)		$3,985	$3,915	$3,845	$3,775	$3,705	$3,635	$3,514	$3,445	$3,376	$3,307	$3,239	$3,170	$42,912
10. Total Depreciation & Return (Line 3 + 9)		$12,742	$12,672	$12,602	$12,532	$12,462	$12,392	$12,271	$12,202	$12,133	$12,064	$11,995	$11,926	$147,995

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

[b] Monthly Equity Component for Jan-Jun 2014 period is 4.9230% based on the May 2013 Earnings Surveillance and reflects a 10.5% return on equity per PSC Order No. PSC-12-0425-PAA-EU and 4.8938% for the period Jul-Dec 2014 based on the May 2014 Earnings Surveillance Report and reflects a 10.5% ROE, per PSC-12-0425-PAA-EU.

[c] Monthly Debt Component for Jan-Jun is 1.5658% based on the May 2013 Earnings Surveilance Report and reflects a 10.5% ROE,per FPSC Order PSC-12-0425-PAA-EU and 1.4751% for the Jul-Dec 2014 period based on the May 2014 Earnings Surveillance Report and reflects a 10.5% return on equity, per FPSC Order No. PSC-12-0425-PAA-EU.

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 2014

	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
Load Management (Program Nos. 7 & 15)														
1. Investment (Net of Retirements)		($1,012,950)	$120,291	($8,519)	$7,138	$2,592,896	$646,687	$864,024	($6,686,650)	$791,117	$1,063,393	($11,956)	($39,538)	($1,674,067)
2. Depreciation Base		$26,518,082	$26,638,373	$26,629,854	$26,636,992	$29,229,888	$29,876,574	$30,740,598	$24,053,948	$24,845,065	$25,908,459	$25,896,503	$25,856,965	N/A
3. Depreciation Expense [a]		$450,409	$442,970	$443,902	$443,890	$465,557	$492,554	$505,143	$456,621	$407,492	$422,946	$431,708	$431,279	$5,394,472
4. Cumulative Investment (Line 2)	$27,531,032	$26,518,082	$26,638,373	$26,629,854	$26,636,992	$29,229,888	$29,876,574	$30,740,598	$24,053,948	$24,845,065	$25,908,459	$25,896,503	$25,856,965	
5. Less: Accumulated Depreciation	$15,686,111	$15,043,719	$15,486,745	$15,930,647	$16,342,990	$16,787,900	$17,194,885	$17,694,695	$10,527,896	$10,780,990	$11,201,122	$11,573,219	$11,883,273	N/A
6. Net Investment (Line 4 - 5)	$11,844,921	$11,474,363	$11,151,628	$10,699,207	$10,294,001	$12,441,987	$12,681,689	$13,045,903	$13,526,053	$14,064,075	$14,707,337	$14,323,284	$13,973,692	
7. Average Net Investment		$11,659,642	$11,312,995	$10,925,417	$10,496,604	$11,367,994	$12,561,838	$12,863,796	$13,285,978	$13,795,064	$14,385,706	$14,515,310	$14,148,488	
8. Return on Average Net Investment														
a. Equity Component [b]		$47,834	$46,412	$44,822	$43,062	$46,637	$51,535	$52,461	$54,183	$56,259	$58,668	$59,196	$57,700	$618,769
b. Equity Component grossed up for taxes (Line 8a/.61425)		$77,873	$75,558	$72,970	$70,106	$75,925	$83,899	$85,407	$88,210	$91,590	$95,511	$96,372	$93,936	$1,007,357
c. Debt Component (Line 7 * debt rate * 1/12) [c]		$15,214	$14,761	$14,255	$13,696	$14,833	$16,391	$15,813	$16,332	$16,958	$17,684	$17,844	$17,393	$191,175
9.Total Return Requirements (Line 8b + 8c)		$93,087	$90,319	$87,225	$83,801	$90,758	$100,290	$101,220	$104,542	$108,548	$113,196	$114,215	$111,329	$1,198,531
10. Total Depreciation & Return (Line 3 + 9)		$543,496	$533,290	$531,127	$527,692	$556,316	$592,844	$606,363	$561,163	$516,040	$536,142	$545,923	$542,608	$6,593,004
Allocation of Depreciation and Return on Investment E														
Residential On Call Program No. 7 (94.7%)														
Depreciation (Prog #7)		$426,538	$419,493	$420,375	$420,364	$440,883	$466,448	$478,371	$432,420	$385,895	$400,530	$408,827	$408,421	$5,108,565
Return (Prog #7)		$88,136	$85,515	$82,584	$79,342	$85,931	$94,957	$95,838	$98,984	$102,778	$107,179	$108,145	$105,411	$1,134,799
Total (Prog #7)		$514,673	$505,008	$502,960	$499,707	$526,813	$561,405	$574,209	$531,404	$488,672	$507,709	$516,972	$513,832	$6,243,364
Business On Call Program No. 15 (5.3%)														
Depreciation (Prog #15)		$23,872	$23,477	$23,527	$23,526	$24,675	$26,105	$26,773	$24,201	$21,597	$22,416	$22,881	$22,858	$285,907
Return (Prog #15)		$4,951	$4,805	$4,641	$4,459	$4,828	$5,333	$5,382	$5,558	$5,770	$6,017	$6,071	$5,918	$63,732
Total (Prog #15)		$28,823	$28,282	$28,167	$27,985	$29,502	$31,438	$32,155	$29,759	$27,367	$28,433	$28,951	$28,776	$349,639
Total														
Depreciation		$450,409	$442,970	$443,902	$443,890	$465,557	$492,554	$505,143	$456,621	$407,492	$422,946	$431,708	$431,279	$5,394,472
Return		$93,087	$90,319	$87,225	$83,801	$90,758	$100,290	$101,220	$104,542	$108,548	$113,196	$114,215	$111,329	$1,198,531
Total		$543,496	$533,290	$531,127	$527,692	$556,316	$592,844	$606,363	$561,163	$516,040	$536,142	$545,923	$542,608	$6,593,004

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

[b] Monthly Equity Component for Jan-Jun 2014 period is 4.9230% based on the May 2013 Earnings Surveillance and reflects a 10.5% return on equity per PSC Order No. PSC-12-0425-PAA-EU and 4.8938% for the period Jul-Dec 2014 based on the May 2014 Earnings Surveillance Report and reflects a 10.5% ROE, per PSC-12-0425-PAA-EU.

[c] Monthly Debt Component for Jan-Jun is 1.5658% based on the May 2013 Earnings Surveilance Report and reflects a 10.5% ROE,per FPSC Order PSC-12-0425-PAA-EU and 1.4751% for the Jul-Dec 2014 period based on the May 2014 Earnings Surveillance Report and reflects a 10.5% return on equity, per FPSC Order No. PSC-12-0425-PAA-EU.

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 2014

	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
23. Business Photovoltaic for Schools Pilot														
1. Investment (Net of Retirements)		$0	$357,895	$556,059	$794,161	$119,620	$0	$0	$0	$1,409,123	$1,007,775	$7,000	$952,319	$5,203,951
2. Depreciation Base		$1,974,602	$2,332,498	$2,888,556	$3,682,717	$3,802,337	$3,802,337	$3,802,337	$3,802,337	$5,211,460	$6,219,235	$6,226,235	$7,178,554	
3. Depreciation Expense		$32,910	$35,893	$43,509	$54,761	$62,375	$63,372	$63,372	$63,372	$75,115	$95,256	$103,712	$111,707	$805,354
4. Cumulative Investment (Line 2)	$1,974,602	$1,974,602	$2,332,498	$2,888,556	$3,682,717	$3,802,337	$3,802,337	$3,802,337	$3,802,337	$5,211,460	$6,219,235	$6,226,235	$7,178,554	
5. Less: Accumulated Depreciation	$93,608	$126,518	$162,411	$205,920	$260,680	$323,056	$386,428	$449,800	$513,173	$588,288	$683,543	$787,256	$898,962	
6. Net Investment (Line 4 - 5)	$1,880,994	$1,848,084	$2,170,087	$2,682,637	$3,422,037	$3,479,281	$3,415,909	$3,352,537	$3,289,164	$4,623,172	$5,535,691	$5,438,979	$6,279,592	
7. Average Net Investment		$1,864,539	$2,009,085	$2,426,362	$3,052,337	$3,450,659	$3,447,595	$3,384,223	$3,320,850	$3,956,168	$5,079,432	$5,487,335	$5,859,285	
8. Return on Average Net Investment														
a. Equity Component		$7,649	$8,242	$9,954	$12,522	$14,156	$14,144	$13,802	$13,543	$16,134	$20,715	$22,378	$23,895	$177,135
b. Equity Component grossed up for taxes (Line 8a/.61425)		$12,453	$13,418	$16,205	$20,386	$23,047	$23,026	$22,469	$22,048	$26,266	$33,724	$36,432	$38,902	$288,377
c. Debt Component (Line 7 * debt rate * 1/12)		$2,433	$2,621	$3,166	$3,983	$4,502	$4,498	$4,160	$4,082	$4,863	$6,244	$6,746	$7,203	$54,502
9.Total Return Requirements (Line 8b + 8c)		$14,886	$16,040	$19,371	$24,369	$27,549	$27,524	$26,629	$26,130	$31,130	$39,968	$43,178	$46,104	$342,879
10. Total Depreciation & Return (Line 3 + 9)		$47,796	$51,932	$62,880	$79,129	$89,924	$90,897	$90,001	$89,503	$106,245	$135,224	$146,890	$157,811	$1,148,233

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

(b) Monthly Equity Component for Jan-Jun 2014 period is 4.9230% based on the May 2013 Earnings Surveillance and reflects a 10.5% return on equity per PSC Order No. PSC-12-0425-PAA-EU and 4.8938% for the period Jul-Dec 2014 based on the May 2014 Earnings Surveillance Report and reflects a 10.5% ROE, 10.5% ROE, per PSC-12-0425-PAA-EU.

(c) Monthly Debt Component for Jan-Jun is 1.5658% based on the May 2013 Earnings Surveilance Report and reflects a 10.5% ROE,per FPSC Order PSC-12-0425-PAA-EU and 1.4751% for the Jul-Dec 2014 period based on the May 2014 Earnings Surveillance Report and reflects a 10.5% return on equity, per FPSC Order No. PSC-12-0425-PAA-EU.

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 2014

	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
25. Solar Pilot Projects Common Expenses														
1. Investment (Net of Retirements)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
2. Depreciation Base		$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	
3. Depreciation Expense [a]		$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$349,330
4. Cumulative Investment (Line 2)	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	
5. Less: Accumulated Depreciation	$596,771	$625,882	$654,993	$684,104	$713,215	$742,326	$771,436	$800,547	$829,658	$858,769	$887,880	$916,990	$946,101	
6. Net Investment (Line 4 - 5)	$1,149,877	$1,120,766	$1,091,655	$1,062,544	$1,033,433	$1,004,323	$975,212	$946,101	$916,990	$887,879	$858,769	$829,658	$800,547	
7. Average Net Investment		$1,135,321	$1,106,210	$1,077,100	$1,047,989	$1,018,878	$989,767	$960,656	$931,546	$902,435	$873,324	$844,213	$815,102	
8. Return on Average Net Investment														
a. Equity Component [b]		$4,658	$4,538	$4,419	$4,299	$4,180	$4,061	$3,918	$3,799	$3,680	$3,562	$3,443	$3,324	$47,880
b. Equity Component grossed up for taxes (Line 8a/.61425)		$7,583	$7,388	$7,194	$6,999	$6,805	$6,611	$6,378	$6,185	$5,992	$5,798	$5,605	$5,412	$77,949
c. Debt Component (Line 7 * debt rate * 1/12) [c]		$1,481	$1,443	$1,405	$1,367	$1,329	$1,291	$1,181	$1,145	$1,109	$1,074	$1,038	$1,002	$14,867
9.Total Return Requirements (Line 8b + 8c)		$9,064	$8,832	$8,599	$8,367	$8,134	$7,902	$7,559	$7,330	$7,101	$6,872	$6,643	$6,414	$92,816
10. Total Depreciation & Return (Line 3 + 9)		$38,175	$37,942	$37,710	$37,478	$37,245	$37,013	$36,670	$36,441	$36,212	$35,983	$35,754	$35,525	$442,146

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

[b] Monthly Equity Component for Jan-Jun 2014 period is 4.9230% based on the May 2013 Earnings Surveillance and reflects a 10.5% return on equity per PSC Order No. PSC-12-0425-PAA-EU and 4.8938% for the period Jul-Dec 2014 based on the May 2014 Earnings Surveillance Report and reflects a 10.5% ROE, 10.5% ROE, per PSC-12-0425-PAA-EU.

[c] Monthly Debt Component for Jan-Jun is 1.5658% based on the May 2013 Earnings Surveilance Report and reflects a 10.5% ROE,per FPSC Order PSC-12-0425-PAA-EU and 1.4751% for the Jul-Dec 2014 period based on the May 2014 Earnings Surveillance Report and reflects a 10.5% return on equity, per FPSC Order No. PSC-12-0425-PAA-EU.

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 2014

	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
28. Common Expenses														
1. Investment (Net of Retirements)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
2. Depreciation Base		$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	
3. Depreciation Expense [(a)]		$168,733	$151,401	$151,401	$151,401	$151,401	$151,401	$151,401	$151,401	$151,401	$151,401	$151,401	$151,401	$1,834,148
4. Cumulative Investment (Line 2)	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	
5. Less: Accumulated Depreciation	$4,072,035	$4,240,768	$4,392,169	$4,543,570	$4,694,972	$4,846,373	$4,997,774	$5,149,176	$5,300,577	$5,451,979	$5,603,380	$5,754,781	$5,906,183	
6. Net Investment (Line 4 - 5)	$5,012,047	$4,843,315	$4,691,913	$4,540,512	$4,389,111	$4,237,709	$4,086,308	$3,934,906	$3,783,505	$3,632,104	$3,480,702	$3,329,301	$3,177,900	
7. Average Net Investment		$4,927,681	$4,767,614	$4,616,213	$4,464,811	$4,313,410	$4,162,008	$4,010,607	$3,859,206	$3,707,804	$3,556,403	$3,405,002	$3,253,600	
8. Return on Average Net Investment														
a. Equity Component [(b)]		$20,216	$19,559	$18,938	$18,317	$17,696	$17,075	$16,356	$15,739	$15,121	$14,504	$13,886	$13,269	$200,675
b. Equity Component grossed up for taxes (Line 8a/.61425)		$32,911	$31,842	$30,831	$29,820	$28,809	$27,798	$26,628	$25,622	$24,617	$23,612	$22,607	$21,602	$326,699
c. Debt Component (Line 7 * debt rate * 1/12) [(c)]		$6,430	$6,221	$6,023	$5,826	$5,628	$5,431	$4,930	$4,744	$4,558	$4,372	$4,186	$4,000	$62,348
9.Total Return Requirements (Line 8b + 8c)		$39,341	$38,063	$36,854	$35,646	$34,437	$33,228	$31,558	$30,367	$29,175	$27,984	$26,793	$25,601	$389,047
10. Total Depreciation & Return (Line 3 + 9)		$208,074	$189,464	$188,256	$187,047	$185,838	$184,629	$182,959	$181,768	$180,577	$179,385	$178,194	$177,003	$2,223,195

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

[(b)] Monthly Equity Component for Jan-Jun 2014 period is 4.9230% based on the May 2013 Earnings Surveillance and reflects a 10.5% return on equity per PSC Order No. PSC-12-0425-PAA-EU and 4.8938% for the period Jul-Dec 2014 based on the May 2014 Earnings Surveillance Report and reflects a 10.5% ROE, per PSC-12-0425-PAA-EU.

[(c)] Monthly Debt Component for Jan-Jun is 1.5658% based on the May 2013 Earnings Surveilance Report and reflects a 10.5% ROE,per FPSC Order PSC-12-0425-PAA-EU and 1.4751% for the Jul-Dec 2014 period based on the May 2014 Earnings Surveillance Report and reflects a 10.5% return on equity, per FPSC Order No. PSC-12-0425-PAA-EU.

Totals may not add due to rounding.

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

SCHEDULE: CT-4

FLORIDA POWER & LIGHT COMPANY
Schedule of Return on Advanced Capacity Payment
Solid Waste Authority
For the Period January through December 2014

Line No.	Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total	Line No.
1.	Advance Capacity Payment - Jurisdictional Amount (a)		53,928,932	53,928,932	53,928,932	53,928,932	53,928,932	53,928,932	53,928,932	53,928,932	53,928,932	53,928,932	53,928,932	53,928,932	n/a	1.
2.	Advance Capacity Payment accumulated expense		4,494,078	8,988,156	13,482,234	17,976,312	22,470,390	26,964,468	31,458,546	35,952,624	40,446,702	44,940,780	49,434,858	53,928,936	n/a	2.
3.	Unrecovered SWA balance (Line 1 - 2)	$ -	$ 49,434,854	$ 44,940,776	$ 40,446,698	$ 35,952,620	$ 31,458,542	$ 26,964,464	$ 22,470,386	$ 17,976,308	$ 13,482,230	$ 8,988,152	$ 4,494,074	$ (4)	n/a	3.
4.	Average Advanced Capacity Payments		$ 24,717,427	$ 47,187,815	$ 42,693,737	$ 38,199,659	$ 33,705,581	$ 29,211,503	$ 24,717,425	$ 20,223,347	$ 15,729,269	$ 11,235,191	$ 6,741,113	$ 2,247,035	n/a	4.
5.	Return on Average Advance Capacity Payments															5.
a.	Equity Component (b)		101,403	193,588	175,151	156,714	138,277	119,840	100,803	82,475	64,147	45,819	27,492	9,164		
b.	Equity Comp. grossed up for taxes (Line 8a/.61425)		165,085	315,162	285,146	255,131	225,115	195,100	164,107	134,269	104,432	74,594	44,756	14,919	1,977,815	
c.	Debt Component(Line 7 * x.xxxx% /12) (c)		32,251	61,571	55,707	49,843	43,979	38,115	30,385	24,861	19,336	13,811	8,287	2,762	380,908	
6.	Advanced Capacity Payment Expense		4,494,078	4,494,078	4,494,078	4,494,078	4,494,078	4,494,078	4,494,078	4,494,078	4,494,078	4,494,078	4,494,078	4,494,078		6.
7.	Total System Recoverable Expenses (Lines 5 & 6)		4,691,414	4,870,810	4,834,931	4,799,052	4,763,172	4,727,293	4,688,570	4,653,208	4,617,846	4,582,483	4,547,121	4,511,759	56,287,660	7.

(a) As approved on Docket No. 110018-EU Order No. PSC-11-0293-FOF-EU

(b) The monthly Equity Component for the Jan - Jun. 2014 period is 4.9230% based on the May 2013 Earnings Surveillance Report and reflects a 10.5% return on equity, per FPSC Order No. PSC-12-0425-PAA-EU and 4.8938% for the period of Jul- Dec 2014 based on the May 2014 Earnings Surveillance Report and reflects a 10.5% ROE, per FPSC Order No. PSC-12-0425-PAA-EU.

(c) The Debt Component for the Jan. - Jun. 2014 period is 1.5658% based on the May 2013 Earnings Surveillance Report and reflects a 10.5% ROE, per FPSC Order No. PSC-12-0425-PAA-EU and 1.4751% for the Jul - Dec 2014 period based on the May 2014 Earnings Surveillance Report and reflects a 10.5% return on equity, per FPSC Order No. PSC-12-0425-PAA-EU.

TOTAL MAY NOT FOOT DUE TO ROUNDING

Reconciliation and Explanation of

Differences between Filing and FPSC Audit

Report for Months: January – December 2014

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

FPL DSM Program & Pilot Descriptions

FPL's DSM programs are designed to reduce energy consumption and growth of coincident peak demand.

1. **Residential Home Energy Survey (HES)**
   This program educates customers on energy efficiency and encourages implementation of recommended practices and measures, even if these are not included in FPL's DSM programs. The HES is also used to identify potential candidates for other FPL DSM programs.

2. **Residential Building Envelope**
   This program encourages customers to improve the thermal efficiency of the building structure.

3. **Residential Duct System Testing and Repair**
   This program encourages customers to repair air leaks identified in air-conditioning duct systems.

4. **Residential Air-Conditioning**
   This program encourages customers to install high-efficiency central air-conditioning systems.

5. **Residential New Construction BuildSmart®**
   This program encourages builders and developers to design and construct new homes to meet ENERGY STAR® qualifications.

6. **Residential Low-Income Weatherization**
   This program is a partnership with government and non-profit agencies to assist eligible low income residential customers in reducing their heating and cooling costs.

7. **Residential Load Management (On-Call)**
   This program allows FPL to turn off certain customer-selected appliances using FPL-installed equipment during periods of extreme demand, capacity shortages or system emergencies.

8. **Business Energy Evaluation (BEE)**
   This program educates customers on energy efficiency and encourages implementation of recommended practices and measures, even if these are not included in FPL's DSM programs. The BEE is also used to identify potential candidates for other FPL DSM programs

9. **Business Efficient Lighting**
   This program encourages customers to install high-efficiency lighting systems.

10. **Business Heating, Ventilating and Air Conditioning (HVAC)**
    This program encourages customers to install high-efficiency HVAC systems.

11. **Business Custom Incentive (BCI)**
    This program encourages customers to install unique high-efficiency technologies not covered by other FPL DSM programs.

FPL DSM Program & Pilot Descriptions (cont'd)

12. Business Building Envelope
This program encourages customers to improve the thermal efficiency of their building structure.

13. Business Water Heating
This program encourages customers to install high-efficiency water heating systems.

14. Business Refrigeration
This program encourages customers to install high-efficiency refrigeration systems.

15. Business On Call
This program allows FPL to turn off customers' direct expansion central electric air-conditioning units using FPL-installed equipment during periods of extreme demand, capacity shortages or system emergencies.

16. Commercial/Industrial Load Control (CILC)
This program allows FPL to control customer loads of 200 kW or greater during periods of extreme demand, capacity shortages, or system emergencies. It was closed to new participants as of December 31, 2000. It is available to existing participants who had entered into a CILC agreement as of March 19, 1996.

17. Commercial/Industrial Demand Reduction (CDR)
This program allows FPL to control customer loads of 200 kW or greater during periods of extreme demand, capacity shortages, or system emergencies.

18. Residential Solar Water Heating Pilot
This pilot encourages customers to install solar water heating systems.

19. Residential Solar Water Heating (Low Income New Construction) Pilot
This pilot is a partnership with non-profit organizations to provide solar water heating systems to organization-selected low income housing developments.

20. Residential Photovoltaic (PV) Pilot
This pilot encourages customers to install PV systems.

21. Business Solar Water Heating Pilot
This pilot encourages customers to install solar water heating systems.

22. Business PV Pilot
This pilot encourages customers to install PV systems.

FPL DSM Program & Pilot Descriptions (cont'd)

23. Business PV for Schools Pilot

Under this pilot, FPL installs PV systems and provides supporting educational training and materials, for selected schools in most public school districts in FPL's territory, to demonstrate and educate students on the practical application of PV.

24. Renewable Research and Demonstration (RRD) Project:

Under this project, FPL is conducting a series of demonstrations and renewable technology research projects to increase awareness of solar technologies and to understand and quantify the effectiveness of emerging renewable technologies and their applications (see pages 325-326 for details)

25. Solar Pilot Project Common Expenses

For administrative efficiency, this includes all costs that are not specific to a particular solar pilot.

26. Cogeneration and Small Power Production

This program facilitates the interconnection and administration of contracts for cogenerators and small power producers.

27. Conservation Research & Development (CRD) Project

Under this project, FPL is conducting a series of research projects 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 (see pages 327-328 for details).

28. Common Expenses

For administrative efficiency, this includes all costs that are not specific to a particular program.

Florida Power & Light Company
Program Progress
January through December 2014

Pgm No	Program Title	2014 Accomplishments	2014 Expenditures & Variance v. Actual/Estimate[1]	Progress Summary (Inception through December 2014
1	Residential Home Energy Survey Program	Surveys = 197,794	Total = $11,919,418 Variance = ($244,155)	Surveys = 3,540,682
2	Residential Building Envelope Program	Installations = 8,752	Total = $3,299,254 Variance = ($158,102)	Installations = 559,104
3	Residential Duct System Testing & Repair Program	Installations = 2,032	Total = $912,934 Variance = ($44,353)	Installations = 503,041
4	Residential Air Conditioning Program	Installations = 121,349	Total = $76,398,815 Variance = $3,968,026	Installations = 1,780,764
5	Residential New Construction Program (BuildSmart®)	Homes = 3,503	Total = $731,558 Variance = $23,290	Homes = 35,967
6	Residential Low-Income Weatherization Program	Installations = 884	Total = $125,685 Variance = ($6,703)	Installations = 8,697
7	Residential Load Management Program (On Call)	Installations = 10,395	Total = $55,462,140 Variance = ($1,077,172)	Participants = 810,074
8	Business Energy Evaluation Program	Evaluations = 12,822	Total = $7,588,405 Variance = ($312,371)	Evaluations = 203,124
9	Business Efficient Lighting Program	kW = 1,521	Total = $513,392 Variance = $32,044	kW = 288,007
10	Business Heating, Ventilating and Air-Conditioning Program	kW = 13,939	Total = $6,385,761 Variance = $1,920,805	kW = 387,649
11	Business Custom Incentive Program	kW= 1,315	Total = $289,113 Variance = ($214,362)	kW = 47,251
12	Business Building Envelope Program	kW = 8,047	Total = $7,562,970 Variance = $746,589	kW = 116,302
13	Business Water Heating Program	kW = 3	Total = $10,903 Variance = ($5,255)	kW = 279
14	Business Refrigeration Program	kW = 1,033	Total = $120,133 Variance = $54,079	kW = 1,915
15	Business On-Call Program	kW = 5,297	Total = $3,964,749 Variance = ($36,914)	MW under contract = 104
16	Commercial/Industrial Load Control Program (CILC)	Closed to new participants	Total = $41,002,993 Variance = $403,695	MW under contract = 462
17	Commercial/Industrial Demand Reduction Program (CDR)	kW= 10,917	Total = $17,632,632 Variance = ($644,362)	MW under contract = 239
18	Residential Solar Water Heating Pilot	kW = 261	Total = $1,460,055 Variance = ($56,668)	kW = 912
19	Residential Solar Water Heating (Low Income New Construction) Pilot	kW = 63	Total = $1,069,732 Variance = ($428,269)	kW = 115
20	Residential Photovoltaic Pilot	kW = 833	Total = $4,627,588 Variance = ($180,115)	kW = 3,402
21	Business Solar Water Heating Pilot	kW = 3	Total = $68,907 Variance = ($185,968)	kW = 125
22	Business Photovoltaic Pilot	kW = 657	Total = $2,052,346 Variance = ($59,918)	kW = 2,783
23	Business Photovoltaic for Schools Pilot	kW = 63	Total = $1,356,837 Variance = ($159,130)	Installations = 92
24	Renewable Research & Demonstration Project	Not Applicable	Total = $890,773 Variance = $51,699	Not Applicable
25	Solar Pilot Projects Common Expenses	Not Applicable	Total = $543,372 Variance = $26,298	Not Applicable
26	Cogeneration & Small Power Production	Firm Capacity (at system peak) = 635 MW Purchase power = 2,503 GWh Producers: Firm = 5 As Available = 11	Total = $547,935 Variance = $75,902	Under contract (facility size) = 635 MW Committed capacity = 635 MW
27	Conservation Research & Development Program	Not Applicable	Total = $495,053 Variance = ($58,602)	Not Applicable
28	Common Expenses	Not Applicable	Total = $12,990,054 Variance = ($653,388)	Not Applicable

- [1] Variances with ( ) = Actuals less than Actual/Estimate
- kW and MW values are at the generator

Customers no longer participating on FPL's Commercial/Industrial Load Control (CILC) and Commercial/Industrial Demand Reduction (CDR) Rates (January through December 2014)

Customers no longer participating as a result of the Environmental Protection Agency's Reciprocating Internal Combustion Engine / National Emissions Standard for Hazardous Air Pollutants (RICE/NESHAP) Rule change. This is in the best interests of the customer, the company and the company's other customers.[1]

Customer Name	Effective Date	Prior Rate	Firm Rate
Customer No. 1	4/2/2014	CILC	GSDT-1
Customer No. 2	4/2/2014	CILC	GSLDT-1
Customer No. 3	4/2/2014	CILC	GSDT-1
Customer No. 4	4/2/2014	CILC	GSDT-1
Customer No. 5	4/3/2014	CILC	GSDT-1
Customer No. 6	4/4/2014	CILC	GSDT-1
Customer No. 7	4/4/2014	CILC	HLFT-1
Customer No. 8	4/7/2014	CILC	GSDT-1
Customer No. 9	4/7/2014	CILC	GSLDT-1
Customer No. 10	4/7/2014	CILC	GSLDT-1
Customer No. 11	4/7/2014	CILC	GSLDT-1
Customer No. 12	4/7/2014	CILC	GSDT-1
Customer No. 13	4/8/2014	CILC	GSDT-1
Customer No. 14	4/8/2014	CILC	GSDT-1
Customer No. 15	4/8/2014	CILC	HLFT-3
Customer No. 16	4/9/2014	CILC	GSDT-1
Customer No. 17	4/9/2014	CILC	GSDT-1
Customer No. 18	4/9/2014	CILC	GSDT-1
Customer No. 19	4/9/2014	CILC	GSDT-1
Customer No. 20	4/10/2014	CILC	GSLDT-1
Customer No. 21	4/10/2014	CILC	GSDT-1
Customer No. 22	4/11/2014	CILC	GSDT-1
Customer No. 23	4/11/2014	CILC	GSLDT-1
Customer No. 24	4/14/2014	CILC	GSDT-1
Customer No. 25	4/15/2014	CILC	GSDT-1
Customer No. 26	4/16/2014	CILC	HLFT-2
Customer No. 27	4/16/2014	CILC	GSDT-1
Customer No. 28	4/17/2014	CILC	GSLDT-1
Customer No. 29	4/18/2014	CILC	GSLDT-1
Customer No. 30	4/18/2014	CILC	GSLDT-1
Customer No. 31	4/18/2014	CILC	GSDT-1
Customer No. 32	4/18/2014	CILC	GSLDT-1
Customer No. 33	4/21/2014	CILC	GSDT-1
Customer No. 34	4/21/2014	CILC	GSDT-1
Customer No. 35	4/21/2014	CILC	GSDT-1
Customer No. 36	4/21/2014	CILC	GSLDT-1
Customer No. 37	4/22/2014	CILC	HLFT-2
Customer No. 38	4/22/2014	CILC	GSDT-1
Customer No. 39	4/22/2014	CILC	GSLDT-1
Customer No. 40	4/22/2014	CILC	GSLDT-1
Customer No. 41	4/24/2014	CILC	GSLDT-1
Customer No. 42	4/24/2014	CILC	GSLDT-1
Customer No. 43	4/28/2014	CILC	GSDT-1
Customer No. 44	4/28/2014	CILC	GSDT-1
Customer No. 45	4/29/2014	CILC	GSDT-1
Customer No. 46	4/29/2014	CILC	GSDT-1

[1] The rule change requires more stringent emissions controls on customers using backup generators to participate in the CILC and CDR programs. In early 2014, FPL and Staff agreed that due to the burden placed on participants by this environmental law, it was appropriate to grant them the option to exit the CILC or CDR programs without penalty if they notified FPL by 12/31/14.

Customer Name	Effective Date	Prior Rate	Firm Rate
Customer No. 47	4/29/2014	CILC	GSDT-1
Customer No. 48	4/30/2014	CILC	GSDT-1
Customer No. 49	4/30/2014	CILC	GSLDT-1
Customer No. 50	4/30/2014	CILC	GSLDT-1
Customer No. 51	5/14/2014	CILC	GSDT-1
Customer No. 52	8/28/2014	CILC	HLFT-1
Customer No. 53	9/23/2014	CILC	GSDT-1
Customer No. 54	9/23/2014	CILC	GSDT-1
Customer No. 55	10/9/2014	CILC	GSDT-1
Customer No. 56	10/22/2014	CILC	GSLDT-1
Customer No. 57	11/17/2014	CILC	GSLDT-1
Customer No. 58	11/26/2014	CILC	GSLDT-1
Customer No. 59	12/11/2014	CILC	GSDT-1
Customer No. 60	12/15/2014	CILC	GSLDT-1
Customer No. 61	12/16/2014	CILC	HLFT-1
Customer No. 62	12/16/2014	CILC	GSDT-1
Customer No. 63	12/22/2014	CILC	GSDT-1
Customer No. 64	12/22/2014	CILC	GSLDT-1
Customer No. 65	12/26/2014	CILC	HLFT-1
Customer No. 66	12/30/2014	CILC	GSLDT-1
Customer No. 67	12/31/2014	CILC	GSLDT-1
Customer No. 68[2]	1/5/2015	CILC	GSDT-1
Customer No. 69[2]	1/6/2015	CILC	GSDT-1
Customer No. 70[2]	1/6/2015	CILC	GSLDT-1
Customer No. 71[2]	1/7/2015	CILC	GSDT-1
Customer No. 72[2]	1/7/2015	CILC	GSLDT-1
Customer No. 73[2]	1/7/2015	CILC	GSDT-1
Customer No. 74[2]	1/7/2015	CILC	HLFT-3
Customer No. 75[2]	1/8/2015	CILC	HLFT-2
Customer No. 76[2]	1/15/2015	CILC	GSDT-1
Customer No. 77[2]	1/16/2015	CILC	HLFT-2
Customer No. 78	4/17/2014	CDR	GSLDT-1
Customer No. 79	5/20/2014	CDR	GSD-1
Customer No. 80	6/30/2014	CDR	GSLDT-1
Customer No. 81	9/30/2014	CDR	HLFT-2
Customer No. 82	9/30/2014	CDR	HLFT-2
Customer No. 83	11/12/2014	CDR	GSLDT-1
Customer No. 84	11/25/2014	CDR	GSD-1
Customer No. 85[2]	1/6/2015	CDR	GSD-1

Customers no longer participating for reasons other than EPA's RICE/NESHAP rule change

Customer Name	Effective Date	Prior Rate	Firm Rate	Remarks
Customer No. A[3]	11/13/2013	CILC	GS-1	No Longer Qualifies for CILC
Customer No. B	11/26/2014	CILC	GSDT-1	No Longer Qualifies for CILC
Customer No. C	5/15/2014	CDR	Not Applicable	Account Final Billed
Customer No. D	5/12/2014	CDR	Not Applicable	Account Final Billed
Customer No. E	6/9/2014	CDR	GSDT-1	No Longer Qualifies for CDR
Customer No. F	8/18/2014	CDR	Not Applicable	Account Final Billed
Customer No. G	8/25/2014	CDR	Not Applicable	Account Final Billed

[2] Customer's termination request was prior to 12/31/14 cutoff. Date shown reflects that termination was effective at the end of that billing cycle which occurred in 2015.

[3] Customer should have been reflected in the 2013 ECCR True-Up Filing on May 2, 2014.

Renewable Research and Demonstration (RRD) Project

Field Performance Testing of the Sedna Aire Solar Thermal Assisted Air Conditioner
The original product manufactured by Vaporgenics which FPL planned to test had to be replaced because the manufacturer fell into financial distress. In early 2014, the Sedna Aire solar assisted air conditioner was substituted. Since this product is being sold in Florida, the purpose of the test was to identify and quantify any demand and energy savings. The Sedna unit was subsequently installed at a university laboratory test facility and subjected to rigorous testing in a climate-controlled dual test chamber following standard protocols. The final report was delivered to FPL in December 2014. The testing clearly showed that the addition of a solar thermal panel into the refrigerant loop of a conventional direct expansion air conditioner did *not* result in demand or energy savings.

Field Test of Hybrid Photovoltaic Thermal (PVT) Panels
PVT panels simultaneously produce electricity and hot water. Cooling photovoltaic solar panels from underneath with water increases their electrical energy production and the energy captured in the water can also be used to help meet the hot water needs of a home or business. Florida-specific data is being collected in a side-by-side configuration with half the solar panels being cooled by water. Any changes in peak hour output, annual electric energy production, and the capture of thermal energy by the water is being quantified. A preliminary report was delivered by the end of 2014. The final report with a full year of data is expected in fourth quarter 2015. As part of this project a test bed for testing solar thermal panels was constructed at a local university. This test bed will also provide a platform for students to conduct tests of other solar technologies in the future.

Solar Single Axis Tracker
The purpose of this field test is to quantify any increase in annual energy production associated with single axis tracking under Florida's climate conditions (i.e., Florida has a substantial number of rainy or cloudy days which will impact the benefit of trackers compared to some other locations.) A side-by-side test of two identical photovoltaic (PV) arrays was constructed with one array facing south inclined at a fixed 26 degrees and the other array with zero inclination equipped with the Trabant Solar Tracker which moves the PV array to follow the sun. The ease of installation and operation of the Trabant tracker was also observed. A preliminary report was delivered to FPL in December 2014. The final report with a full year of data is expected in fourth quarter 2015.

Hybrid Thin Film PV
This is a side-by-side test of a new hybrid thin film PV product which the manufacturer claims has the high efficiency of conventional crystalline PV and the superior low light performance of thin film PV. Two PV arrays with a maximum rated output of 7.2 kW each are being monitored with one composed of conventional crystalline panels and the other of the hybrid thin film (both arrays were optimally positioned – inclined at 26 degrees facing south). The purpose of this field test is to verify the manufacturer's claims and to quantify any increase in annual energy production given Florida's climate issues. Florida has a substantial number of rainy or cloudy days when the hybrid solar product is claimed to perform better than conventional PV. A preliminary report was delivered to FPL in December 2014. The final report with a full year of data is expected in fourth quarter 2015.

Renewable Research and Demonstration (RRD) Project (cont'd)

Renewable Demonstration Projects

FPL has been installing PV systems at governmental and non-profit customer locations as demonstration sites with the two goals of raising awareness of renewable energy and educating visitors. As of December 2014, 10 demonstration projects are in service: the Kennedy Space Center Visitor Center in Cape Canaveral (25kW); Waterfront Commons Park in West Palm Beach (25kW); the Museum of Discovery and Science in Fort Lauderdale (25kW); the Imaginarium in Fort Myers (10kW); the Brevard Zoo in Melbourne (10kW); Save Our Seabirds in Sarasota (10kW); Central Florida Zoo in Sanford (10kW); Florida Gateway College in Lake City (10kW); Equine Assisted Therapies at Tradewinds Park in Coconut Creek (5kw); and Palm Beach Zoo in Boca Raton (10kW). In September 2014 one additional demonstration site, Miami Science Museum, received 66kW of PV panels which they will install on the roof of the new museum at their own expense.

Conservation Research & Development (CRD) Program

Deep Retrofits of Existing Homes (Building America Project – Phase II)
This is a continuation of the Building America project FPL is co-funding with the U.S. Department of Energy (DOE) in order to quantify and contrast the demand and energy savings paybacks associated with "shallow" and "deep" energy efficiency retrofit measures for existing homes in Florida's climate. The study will assist customers in ranking the priority order of energy efficiency upgrades for their homes. Sixty homes received shallow retrofits such as efficient lighting, water heater tank insulation and shortened pool pump operating schedules. In Phase I, Ten homes received deep retrofits such as seasonal energy efficiency ratio (SEER) 16 high efficiency air conditioning units, heat pump water heaters and appliance upgrades to Energy Star® compliance. End-use metering and statistical analysis is used to estimate the impacts. Analysis of Phase I results was completed at the end of 2014. Phase II involves further deep retrofit technologies in a subset of the 60 homes. These retrofits include: learning thermostats (25 homes); ultra-high efficiency mini-split ductless air conditioners (11 homes); ducting of cool air from heat pump water heaters (8 homes); super-efficient Energy Star clothes washers and dryers (8 homes); variable-speed pool pumps (5 homes); and high efficiency windows and exterior wall insulation (2 homes). The monitoring and analysis will run through 2015 with a final report by year end.

Condenser Misting for Commercial HVAC & Refrigeration
A host supermarket location in Melbourne was retrofitted with the CloudBurst misting system. The purpose of this field test of water misting the air-cooled condensers of supermarket refrigeration and HVAC units was to determine if this could be a cost-effective retrofit technology. Data was collected for nearly a year to capture a full range of weather conditions. Ease of installation, operation, durability, water consumption, and any signs of corrosion were also observed. The final report was delivered to FPL in April 2014 which showed that the energy and demand savings were smaller than expected with the HVAC system showing slightly higher savings than the refrigeration units.

Commercial Rooftop HVAC Retrofit with Variable Speed Air Handler Fan
A 60-ton rooftop HVAC unit on a host supermarket location in Miami was retrofitted with the Enerfit controller. Based on real-time feedback from multiple temperature and pressure sensors, the Enerfit is designed to slow down the air handler fan whenever maximum cooling capacity is not needed (essentially turning the existing fan motor into a variable speed drive.) This could potentially produce peak demand and energy savings and increase dehumidification. For one full year the controller will alternate every two weeks between control and bypass mode to gather data across the full range of weather conditions. Statistical regression and weather data for a typical meteorological year will be incorporated to estimate any peak hour demand reduction and annual energy savings. The results to-date appear very promising for this as a retrofit technology.

Conservation Research & Development (CRD) Project (cont'd)

Residential Smart Thermostats – Small Scale Tests and Larger Trial

FPL has been testing various smart thermostat technologies. Beginning in 2012 and continuing through 2014, FPL conducted small-scale tests of purely algorithm-based devices. The purpose of these limited tests was to gather directional data to determine if these types of technologies might produce demand and energy savings (and, if so, how much) and whether it would merit performing subsequent broader testing.

In addition, FPL is also conducting a larger trial of non-algorithm-based devices to assess the technical feasibility, customer acceptance and demand and energy impacts of broadband-connected thermostats which can be accessed and controlled via customer-owned mobile devices (i.e., smartphones and tablets). In late 2013, FPL installed equipment in the homes of approximately 180 volunteer participants. These participants agreed to allow FPL to perform load control tests using the thermostats during the trial period which will provide data on equipment capabilities and customers' responses to such events (including whether they opt out). The trial period lasted through 2014 and analysis of the results will be compiled in 2015.

SmartGrid Enabled Load Management Software Testing

The purpose of this on-going project is to evaluate the feasibility of using whole-house interval data from FPL's smart meters to forecast and perform post-event validation of residential demand response (DR). The evaluation is focused on DR software solutions from various vendors in two primary areas: (1) the accuracy of their predictive forecasts of demand reduction; and (2) the accuracy of their post-event demand reduction calculations. Load control test events were conducted between July 2013 and February 2014. Results were inconclusive so additional tests are planned in the future.

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	43.00	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	56.54502	kW
(3) kW LINE LOSS PERCENTAGE	7.22	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	146,009.30	kWh
(5) kWh LINE LOSS PERCENTAGE	5.76	%
(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	30	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.58642	
(5) K FACTOR FOR T & D	1.55920	

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	7.54	%
*	(11) UTILITY AFUDC RATE	6.50	%
*	(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	2014	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2017-2019	
(4) BASE YEAR AVOIDED GENERATING COST	776.33	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90	$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85	$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	58.35	$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50	%**
(10) TRANSMISSION FIXED O & M COST	3.53	$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34	$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50	%**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.065	CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50	%**
(15) GENERATOR CAPACITY FACTOR	56%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.85	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.65	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2014	0	9	0	9	4	3	107	0	0	107
2015	0	0	0	0	7	6	0	0	0	0
2016	0	0	0	0	7	6	0	0	0	0
2017	0	0	0	0	7	6	0	0	0	0
2018	0	0	0	0	8	6	0	0	0	0
2019	0	0	0	0	9	6	0	0	0	0
2020	0	0	0	0	9	7	0	0	0	0
2021	0	0	0	0	9	7	0	0	0	0
2022	0	0	0	0	9	7	0	0	0	0
2023	0	0	0	0	10	7	0	0	0	0
2024	0	0	0	0	10	7	0	0	0	0
2025	0	0	0	0	10	7	0	0	0	0
2026	0	0	0	0	11	6	0	0	0	0
2027	0	0	0	0	11	6	0	0	0	0
2028	0	0	0	0	11	6	0	0	0	0
2029	0	9	0	9	12	7	154	0	0	154
2030	0	0	0	0	12	7	0	0	0	0
2031	0	0	0	0	12	7	0	0	0	0
2032	0	0	0	0	13	7	0	0	0	0
2033	0	0	0	0	14	7	0	0	0	0
2034	0	0	0	0	15	7	0	0	0	0
2035	0	0	0	0	15	7	0	0	0	0
2036	0	0	0	0	16	7	0	0	0	0
2037	0	0	0	0	17	7	0	0	0	0
2038	0	0	0	0	18	7	0	0	0	0
2039	0	0	0	0	18	7	0	0	0	0
2040	0	0	0	0	19	7	0	0	0	0
2041	0	0	0	0	20	7	0	0	0	0
2042	0	0	0	0	21	7	0	0	0	0
2043	0	0	0	0	22	7	0	0	0	0
2044	1	9	0	9	23	8	224	0	0	224
2045	0	0	0	0	24	8	0	0	0	0
2046	0	0	0	0	25	8	0	0	0	0
2047	0	0	0	0	26	8	0	0	0	0
2048	0	0	0	0	28	8	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	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	27	0	28	503	237	485	0	0	485
NPV	1	13	0	13	140	83	184	0	0	184

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	53	1	0	3	2	1	0	2	0	9	9	9	52
2020	51	1	0	3	1	1	0	2	1	9	8	18	54
2021	49	1	0	3	1	1	0	2	1	9	7	25	55
2022	46	1	0	3	1	1	0	2	1	8	7	32	56
2023	44	1	0	3	1	1	0	2	0	8	6	38	58
2024	42	1	0	3	1	1	0	2	0	8	5	43	59
2025	39	1	0	2	1	1	0	2	0	7	5	48	61
2026	37	1	0	2	1	1	0	2	0	7	4	52	62
2027	35	1	0	2	1	1	0	2	0	7	4	56	64
2028	33	1	0	2	1	1	0	2	0	7	3	59	65
2029	31	1	0	2	1	1	0	2	0	6	3	62	67
2030	29	1	0	2	1	1	0	2	0	6	3	65	69
2031	27	1	0	2	1	1	0	2	0	6	2	68	70
2032	25	1	0	2	1	1	0	2	0	5	2	70	72
2033	23	0	0	1	1	0	0	2	0	5	2	72	74
2034	21	0	0	1	1	0	0	2	0	5	2	73	76
2035	19	0	0	1	1	0	0	2	0	5	1	75	78
2036	17	0	0	1	0	0	0	2	0	4	1	76	80
2037	15	0	0	1	0	0	0	2	0	4	1	77	82
2038	13	0	0	1	0	0	0	2	0	4	1	78	84
2039	12	0	0	1	1	0	0	2	(0)	4	1	79	86
2040	10	0	0	1	1	0	0	2	(1)	3	1	80	88
2041	9	0	0	1	1	0	0	2	(1)	3	1	80	90
2042	8	0	0	0	1	0	0	2	(1)	3	1	81	92
2043	7	0	0	0	1	0	0	2	(1)	3	0	81	95
2044	6	0	0	0	1	0	0	2	(1)	3	0	82	97
2045	4	0	0	0	1	0	0	2	(1)	2	0	82	99
2046	3	0	0	0	1	0	0	2	(1)	2	0	82	102
2047	2	0	0	0	1	0	0	2	(1)	2	0	83	104
2048	1	0	0	0	1	0	0	2	(1)	2	0	83	107

IN SERVICE COST	($000)	52
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.5%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	5.14	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58642

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE $(000)	SALVAGE TAX RATE $(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) $(000)	ACCUMULATED DEFERRED TAX $(000)
2019	3.75%	2	2	2	2	2	2	0	3	0	0	0	0	(1)
2020	7.22%	4	6	2	3	2	3	1	3	0	0	0	1	0
2021	6.68%	3	9	2	5	2	5	1	3	0	0	0	1	1
2022	6.18%	3	12	2	7	2	7	1	3	0	0	0	1	1
2023	5.71%	3	15	2	9	2	8	0	3	0	0	0	0	2
2024	5.29%	3	18	2	10	2	10	0	3	0	0	0	0	2
2025	4.89%	3	20	2	12	2	12	0	3	0	0	0	0	3
2026	4.52%	2	23	2	14	2	13	0	3	0	0	0	0	3
2027	4.46%	2	25	2	16	2	15	0	3	0	0	0	0	3
2028	4.46%	2	27	2	17	2	17	0	3	0	0	0	0	3
2029	4.46%	2	30	2	19	2	18	0	3	0	0	0	0	4
2030	4.46%	2	32	2	21	2	20	0	3	0	0	0	0	4
2031	4.46%	2	34	2	23	2	21	0	3	0	0	0	0	4
2032	4.46%	2	37	2	24	2	23	0	3	0	0	0	0	4
2033	4.46%	2	39	2	26	2	25	0	3	0	0	0	0	5
2034	4.46%	2	41	2	28	2	26	0	3	0	0	0	0	5
2035	4.46%	2	43	2	30	2	28	0	3	0	0	0	0	5
2036	4.46%	2	46	2	31	2	30	0	3	0	0	0	0	5
2037	4.46%	2	48	2	33	2	31	0	3	0	0	0	0	6
2038	4.46%	2	50	2	35	2	33	0	3	0	0	0	0	6
2039	2.23%	1	51	2	37	2	35	(0)	3	0	0	0	(0)	6
2040	0.00%	0	51	2	38	2	36	(1)	3	0	0	0	(1)	5
2041	0.00%	0	51	2	40	2	38	(1)	3	0	0	0	(1)	4
2042	0.00%	0	51	2	42	2	40	(1)	3	0	0	0	(1)	4
2043	0.00%	0	51	2	44	2	41	(1)	3	0	0	0	(1)	3
2044	0.00%	0	51	2	45	2	43	(1)	3	0	0	0	(1)	3
2045	0.00%	0	51	2	47	2	45	(1)	3	0	0	0	(1)	2
2046	0.00%	0	51	2	49	2	46	(1)	3	0	0	0	(1)	1
2047	0.00%	0	51	2	51	2	48	(1)	3	0	0	0	(1)	1
2048	0.00%	0	51	2	52	2	50	(1)	3	0	0	0	(1)	0

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

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	2	0	51	2	(1)	53	51	52
2020	7.22%	4	1	49	3	0	51	49	50
2021	6.68%	3	1	47	5	1	49	46	47
2022	6.18%	3	1	45	7	1	46	44	45
2023	5.71%	3	0	44	9	2	44	42	43
2024	5.29%	3	0	42	10	2	42	39	41
2025	4.89%	3	0	40	12	3	39	37	38
2026	4.52%	2	0	38	14	3	37	35	36
2027	4.46%	2	0	37	16	3	35	33	34
2028	4.46%	2	0	35	17	3	33	31	32
2029	4.46%	2	0	33	19	4	31	29	30
2030	4.46%	2	0	31	21	4	29	27	28
2031	4.46%	2	0	30	23	4	27	25	26
2032	4.46%	2	0	28	24	4	25	23	24
2033	4.46%	2	0	26	26	5	23	21	22
2034	4.46%	2	0	24	28	5	21	19	20
2035	4.46%	2	0	23	30	5	19	17	18
2036	4.46%	2	0	21	31	5	17	15	16
2037	4.46%	2	0	19	33	6	15	13	14
2038	4.46%	2	0	17	35	6	13	12	12
2039	2.23%	1	(0)	16	37	6	12	10	11
2040	0.00%	0	(1)	14	38	5	10	9	9
2041	0.00%	0	(1)	12	40	4	9	8	8
2042	0.00%	0	(1)	10	42	4	8	7	7
2043	0.00%	0	(1)	9	44	3	7	6	6
2044	0.00%	0	(1)	7	45	3	6	4	5
2045	0.00%	0	(1)	5	47	2	4	3	4
2046	0.00%	0	(1)	3	49	1	3	2	3
2047	0.00%	0	(1)	2	51	1	2	1	2
2048	0.00%	0	(1)	0	52	0	1	0	1

*** Column not specified in workbook**

(1) YEAR	(2) NO.YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING ($/kW)	(7) CUMULATIVE AVERAGE SPENDING ($/kW)
2014	-5	0.00%	1.000	0.11%	0.83	0.41
2015	-4	3.00%	1.030	0.28%	2.26	1.96
2016	-3	3.00%	1.061	8.69%	71.58	38.88
2017	-2	3.00%	1.093	53.83%	456.61	302.97
2018	-1	3.00%	1.126	37.09%	324.11	693.33
				100.00%	855.39	

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)
2014	-5	0.41	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.86	0.86
2015	-4	1.99	0.04	0.05	0.13	0.16	0.10	0.12	(0.02)	(0.03)	2.39	3.24
2016	-3	39.03	0.76	0.81	2.54	2.70	2.01	2.13	(0.48)	(0.51)	74.12	77.36
2017	-2	305.67	5.95	6.76	19.90	22.60	15.69	17.82	(3.76)	(4.27)	476.51	553.87
2018	-1	715.93	13.99	20.74	46.81	69.41	36.57	54.39	(8.71)	(12.98)	370.93	924.80
				20.74		69.41		54.39		(12.98)		924.80

IN SERVICE YEAR	2019
PLANT COSTS	776.3262845
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	48	48	48
EQUITY AFUDC	3		
DEBT AFUDC	1	1	
CPI			3
TOTAL	52	50	51

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2014	1	1	3.60	7.12	3.60	0.00	1.00	1.00
2015	1	1	4.45	8.42	4.45	0.00	1.00	1.00
2016	1	1	4.92	12.24	4.92	0.00	1.00	1.00
2017	1	1	4.27	10.29	4.27	0.00	1.00	1.00
2018	1	1	5.27	11.75	5.27	0.00	1.00	1.00
2019	1	1	5.38	16.61	5.38	5.05	1.00	1.00
2020	1	1	5.65	19.65	5.65	5.04	1.00	1.00
2021	1	1	5.65	18.15	5.65	5.11	1.00	1.00
2022	1	1	5.60	15.84	5.60	5.07	1.00	1.00
2023	1	1	5.60	14.15	5.60	5.17	1.00	1.00
2024	1	1	5.81	14.12	5.81	5.46	1.00	1.00
2025	1	1	5.98	17.69	5.98	5.61	1.00	1.00
2026	1	1	5.73	19.09	5.73	5.73	1.00	1.00
2027	1	1	6.01	16.85	6.01	6.01	1.00	1.00
2028	1	1	6.07	17.17	6.07	6.10	1.00	1.00
2029	1	1	6.28	13.07	6.28	6.40	1.00	1.00
2030	1	1	6.34	14.76	6.34	6.40	1.00	1.00
2031	1	1	6.57	17.01	6.57	6.72	1.00	1.00
2032	1	1	6.62	15.42	6.62	6.79	1.00	1.00
2033	1	1	6.97	16.02	6.97	7.12	1.00	1.00
2034	1	1	7.05	13.20	7.05	7.32	1.00	1.00
2035	1	1	7.19	11.99	7.19	7.51	1.00	1.00
2036	1	1	7.47	17.33	7.47	7.70	1.00	1.00
2037	1	1	7.68	17.92	7.68	8.03	1.00	1.00
2038	1	1	7.94	16.32	7.94	8.32	1.00	1.00
2039	1	1	8.12	13.64	8.12	8.48	1.00	1.00
2040	1	1	8.35	14.31	8.35	8.85	1.00	1.00
2041	1	1	8.67	15.52	8.67	9.11	1.00	1.00
2042	1	1	8.99	18.22	8.99	9.45	1.00	1.00
2043	1	1	9.27	16.85	9.27	9.80	1.00	1.00
2044	1	1	9.60	18.50	9.60	10.24	1.00	1.00
2045	1	1	9.94	16.83	9.94	10.56	1.00	1.00
2046	1	1	10.25	13.72	10.25	10.91	1.00	1.00
2047	1	1	10.57	14.20	10.57	11.25	1.00	1.00
2048	1	1	11.00	18.99	11.00	11.71	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
	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.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
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	9	4	0	11	14	10
2020	9	4	0	19	24	8
2021	9	4	0	19	24	8
2022	8	4	0	20	24	9
2023	8	4	0	21	24	9
2024	8	4	0	22	26	9
2025	7	4	0	23	26	9
2026	7	4	0	23	25	9
2027	7	5	0	23	26	9
2028	7	5	0	24	27	9
2029	6	5	0	25	28	9
2030	6	5	0	26	28	9
2031	6	5	0	27	30	9
2032	5	5	0	28	30	9
2033	5	5	0	29	32	9
2034	5	5	0	30	33	9
2035	5	6	0	32	33	9
2036	4	6	0	33	34	9
2037	4	6	1	34	36	9
2038	4	6	1	35	37	9
2039	4	6	1	37	38	9
2040	3	6	1	38	39	9
2041	3	6	1	39	41	9
2042	3	7	1	41	42	9
2043	3	7	1	42	44	9
2044	3	7	1	44	46	9
2045	2	7	1	46	47	9
2046	2	7	1	47	49	9
2047	2	7	1	49	50	9
2048	2	8	1	51	52	9
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	157	164	14	939	1,008	265
NPV	58	42	4	225	251	78

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2014	0	0	0	0	0	0	6	0
2015	1	0	2	0	0	0	13	0
2016	1	0	2	0	0	0	20	0
2017	1	0	2	0	0	0	17	0
2018	1	0	2	0	0	0	19	0
2019	1	0	1	0	0	0	28	0
2020	1	0	1	0	0	0	33	0
2021	1	0	1	0	0	0	30	0
2022	1	0	1	0	0	0	26	0
2023	1	0	1	0	0	0	23	0
2024	1	0	1	0	0	0	23	0
2025	1	0	1	0	0	0	29	0
2026	1	0	1	0	0	0	32	0
2027	1	0	1	0	0	0	28	0
2028	1	0	1	0	0	0	28	0
2029	1	0	1	0	0	0	21	0
2030	1	0	1	0	0	0	24	0
2031	1	0	1	0	0	0	28	0
2032	1	0	1	0	0	0	25	0
2033	1	0	1	0	0	0	26	0
2034	1	0	1	0	0	0	21	0
2035	1	0	1	0	0	0	19	0
2036	1	0	1	0	0	0	28	0
2037	1	0	1	0	0	0	29	0
2038	1	0	1	0	0	0	26	0
2039	1	0	1	0	0	0	22	0
2040	1	0	1	0	0	0	23	0
2041	1	0	1	0	0	0	25	0
2042	0	0	1	0	0	0	29	0
2043	0	0	1	0	0	0	27	0
2044	0	0	1	0	0	0	30	0
2045	0	0	1	0	0	0	27	0
2046	0	0	1	0	0	0	21	0
2047	0	0	1	0	0	0	22	0
2048	0	0	1	0	0	0	30	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	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.	27	11	38	3	5	9	859	0
NPV	12	3	16	2	2	3	299	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT $(000)	(3) REPLACEMENT EMISSION COST $(000)	(4) PROGRAM EMISSION BENEFIT $(000)	(5) OFF-PEAK EMISSION PAYBACK COST $(000)	(6) NET EMISSION BENEFIT $(000)
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	2	2	1	0	0
2023	3	4	1	0	0
2024	3	4	1	0	0
2025	3	4	1	0	0
2026	3	5	2	0	0
2027	4	5	2	0	1
2028	4	5	2	0	1
2029	5	6	2	0	1
2030	5	7	2	0	1
2031	5	7	2	0	1
2032	6	8	3	0	1
2033	7	9	3	0	1
2034	7	10	3	0	1
2035	8	10	3	0	1
2036	9	11	4	0	1
2037	9	12	4	0	1
2038	10	13	4	0	1
2039	11	14	5	0	1
2040	12	15	5	0	1
2041	13	17	5	0	2
2042	14	18	6	0	2
2043	15	19	6	0	2
2044	16	21	7	0	2
2045	17	22	7	0	2
2046	18	24	8	0	2
2047	19	25	8	0	2
2048	20	27	9	0	2
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	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	247	324	107	0	30
NPV	44	58	19	0	6

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	107	0	107	0	0	6	0	6	(101)	(101)
2015	0	0	0	0	0	0	2	13	0	16	16	(87)
2016	0	0	0	0	0	0	2	20	0	22	22	(68)
2017	0	0	0	0	0	0	2	17	0	19	19	(53)
2018	0	0	0	0	0	0	2	19	0	21	21	(37)
2019	0	0	0	0	0	10	2	28	0	39	39	(10)
2020	0	0	0	0	0	8	2	33	0	43	43	18
2021	0	0	0	0	0	8	2	30	0	40	40	42
2022	0	0	0	0	0	9	2	26	0	37	37	63
2023	0	0	0	0	0	9	2	23	0	34	34	80
2024	0	0	0	0	0	9	2	23	0	34	34	97
2025	0	0	0	0	0	9	1	29	0	40	40	115
2026	0	0	0	0	0	9	1	32	0	43	43	133
2027	0	0	0	0	0	9	1	28	1	38	38	148
2028	0	0	0	0	0	9	1	28	1	40	40	162
2029	0	0	154	0	155	9	1	21	1	32	(123)	120
2030	0	0	0	0	0	9	1	24	1	35	35	131
2031	0	0	0	0	0	9	1	28	1	39	39	143
2032	0	0	0	0	0	9	1	25	1	36	36	152
2033	0	0	0	0	0	9	1	26	1	37	37	162
2034	0	0	0	0	0	9	1	21	1	32	32	169
2035	0	0	0	0	0	9	1	19	1	30	30	176
2036	0	0	0	0	0	9	1	28	1	39	39	184
2037	0	0	0	0	0	9	1	29	1	40	40	191
2038	0	0	0	0	0	9	1	26	1	37	37	198
2039	0	0	0	0	0	9	1	22	1	33	33	203
2040	0	0	0	0	0	9	1	23	1	34	34	208
2041	0	0	0	0	0	9	1	25	2	36	36	213
2042	0	0	0	0	0	9	1	29	2	41	41	219
2043	0	0	0	0	0	9	1	27	2	39	39	223
2044	0	1	224	0	224	9	1	30	2	41	(183)	203
2045	0	0	0	0	0	9	1	27	2	39	39	207
2046	0	0	0	0	0	9	1	21	2	33	33	210
2047	0	0	0	0	0	9	1	22	2	34	34	213
2048	0	0	0	0	0	9	1	30	2	43	43	217
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	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	1	485	0	486	265	47	859	30	1,201	715	
NPV	0	1	184	0	184	78	19	299	6	401	217	

Discount Rate: 7.54 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **2.18**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	7	0	9	0	16	107	0	0	107	(90)	(90)
2015	14	0	0	0	14	0	0	0	0	14	(77)
2016	14	0	0	0	14	0	0	0	0	14	(65)
2017	15	0	0	0	15	0	0	0	0	15	(53)
2018	16	0	0	0	16	0	0	0	0	16	(41)
2019	17	0	0	0	17	0	0	0	0	17	(29)
2020	18	0	0	0	18	0	0	0	0	18	(18)
2021	18	0	0	0	18	0	0	0	0	18	(7)
2022	19	0	0	0	19	0	0	0	0	19	4
2023	19	0	0	0	19	0	0	0	0	19	13
2024	19	0	0	0	19	0	0	0	0	19	23
2025	19	0	0	0	19	0	0	0	0	19	31
2026	19	0	0	0	19	0	0	0	0	19	39
2027	20	0	0	0	20	0	0	0	0	20	47
2028	20	0	0	0	20	0	0	0	0	20	54
2029	21	0	9	0	29	154	0	0	154	(125)	12
2030	21	0	0	0	21	0	0	0	0	21	19
2031	21	0	0	0	21	0	0	0	0	21	25
2032	22	0	0	0	22	0	0	0	0	22	31
2033	24	0	0	0	24	0	0	0	0	24	37
2034	25	0	0	0	25	0	0	0	0	25	43
2035	25	0	0	0	25	0	0	0	0	25	48
2036	27	0	0	0	27	0	0	0	0	27	54
2037	28	0	0	0	28	0	0	0	0	28	59
2038	28	0	0	0	28	0	0	0	0	28	64
2039	29	0	0	0	29	0	0	0	0	29	69
2040	30	0	0	0	30	0	0	0	0	30	73
2041	31	0	0	0	31	0	0	0	0	31	78
2042	32	0	0	0	32	0	0	0	0	32	82
2043	34	0	0	0	34	0	0	0	0	34	86
2044	35	0	9	0	44	224	0	0	224	(180)	66
2045	37	0	0	0	37	0	0	0	0	37	69
2046	38	0	0	0	38	0	0	0	0	38	73
2047	40	0	0	0	40	0	0	0	0	40	77
2048	41	0	0	0	41	0	0	0	0	41	80
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	843	0	27	0	870	485	0	0	485	385	
NPV	251	0	13	0	264	184	0	0	184	80	

In Service of Gen Unit: 2019
Discount Rate : 7.54 %
Benefit/Cost Ratio (Col(6) / Col(10)) **1.44**

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	9	7	0	16	6	0	0	0	6	(10)	(10)
2015	0	0	0	13	0	13	13	2	0	0	16	3	(7)
2016	0	0	0	13	0	13	20	2	0	0	22	9	0
2017	0	0	0	13	0	13	17	2	0	0	19	5	5
2018	0	0	0	14	0	14	19	2	0	0	21	7	10
2019	0	0	0	15	0	15	37	2	0	0	39	24	26
2020	0	0	0	16	0	16	41	2	0	0	43	27	44
2021	0	0	0	16	0	16	38	2	0	0	40	24	58
2022	0	0	0	17	0	17	35	2	0	0	37	20	70
2023	0	0	0	17	0	17	32	2	0	0	34	17	79
2024	0	0	0	17	0	17	32	2	0	0	34	17	87
2025	0	0	0	17	0	17	38	1	0	0	40	23	97
2026	0	0	0	17	0	17	41	1	0	0	43	26	108
2027	0	0	0	17	0	17	37	1	0	1	38	21	116
2028	0	0	0	18	0	18	38	1	0	1	40	22	124
2029	0	0	9	18	0	27	30	1	0	1	32	4	125
2030	0	0	0	19	0	19	33	1	0	1	35	17	130
2031	0	0	0	19	0	19	37	1	0	1	39	20	136
2032	0	0	0	20	0	20	34	1	0	1	36	16	140
2033	0	0	0	21	0	21	35	1	0	1	37	16	144
2034	0	0	0	22	0	22	30	1	0	1	32	10	147
2035	0	0	0	22	0	22	28	1	0	1	30	8	149
2036	0	0	0	23	0	23	37	1	0	1	39	16	152
2037	0	0	0	24	0	24	38	1	0	1	40	16	155
2038	0	0	0	25	0	25	35	1	0	1	37	13	157
2039	0	0	0	26	0	26	31	1	0	1	33	8	158
2040	0	0	0	26	0	26	31	1	0	1	34	8	159
2041	0	0	0	27	0	27	34	1	0	2	36	9	161
2042	0	0	0	28	0	28	38	1	0	2	41	13	162
2043	0	0	0	29	0	29	36	1	0	2	39	9	164
2044	0	1	9	30	0	40	38	1	0	2	41	1	164
2045	0	0	0	32	0	32	36	1	0	2	39	7	164
2046	0	0	0	33	0	33	30	1	0	2	33	1	164
2047	0	0	0	34	0	34	31	1	0	2	34	0	164
2048	0	0	0	36	0	36	39	1	0	2	43	7	165
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	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	1	27	740	0	768	1,124	47	0	30	1,201	433	
NPV	0	1	13	223	0	236	377	19	0	6	401	165	

Discount Rate 7.54 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **1.70**

SCHEDULE CT-6

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	70.14	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	92.23116	kW
(3) kW LINE LOSS PERCENTAGE	7.22	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	238,157.73	kWh
(5) kWh LINE LOSS PERCENTAGE	5.76	%
(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	30	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.58642	
(5) K FACTOR FOR T & D	1.55920	

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	7.54	%
*	(11) UTILITY AFUDC RATE	6.50	%
*	(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	2014	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2017-2019	
(4) BASE YEAR AVOIDED GENERATING COST	776.33	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90	$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85	$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	58.35	$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50	%**
(10) TRANSMISSION FIXED O & M COST	3.53	$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34	$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50	%**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.065	CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50	%**
(15) GENERATOR CAPACITY FACTOR	56%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.85	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.65	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2014	1	14	0	15	6	5	226	0	0	226
2015	0	0	0	0	11	9	0	0	0	0
2016	0	0	0	0	11	9	0	0	0	0
2017	0	0	0	0	12	10	0	0	0	0
2018	0	0	0	0	13	10	0	0	0	0
2019	0	0	0	0	14	11	0	0	0	0
2020	0	0	0	0	14	11	0	0	0	0
2021	0	0	0	0	14	12	0	0	0	0
2022	0	0	0	0	15	12	0	0	0	0
2023	0	0	0	0	16	11	0	0	0	0
2024	0	0	0	0	16	11	0	0	0	0
2025	0	0	0	0	16	11	0	0	0	0
2026	0	0	0	0	17	10	0	0	0	0
2027	0	0	0	0	17	11	0	0	0	0
2028	0	0	0	0	18	11	0	0	0	0
2029	1	14	0	15	18	11	328	0	0	328
2030	0	0	0	0	19	11	0	0	0	0
2031	0	0	0	0	19	11	0	0	0	0
2032	0	0	0	0	20	11	0	0	0	0
2033	0	0	0	0	22	11	0	0	0	0
2034	0	0	0	0	23	11	0	0	0	0
2035	0	0	0	0	24	11	0	0	0	0
2036	0	0	0	0	26	12	0	0	0	0
2037	0	0	0	0	27	12	0	0	0	0
2038	0	0	0	0	28	12	0	0	0	0
2039	0	0	0	0	29	12	0	0	0	0
2040	0	0	0	0	30	12	0	0	0	0
2041	0	0	0	0	31	12	0	0	0	0
2042	0	0	0	0	33	12	0	0	0	0
2043	0	0	0	0	35	12	0	0	0	0
2044	1	14	0	15	36	12	474	0	0	474
2045	0	0	0	0	38	12	0	0	0	0
2046	0	0	0	0	40	12	0	0	0	0
2047	0	0	0	0	42	13	0	0	0	0
2048	0	0	0	0	44	13	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	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	43	0	46	792	387	1,028	0	0	1,028
NPV	1	21	0	22	220	136	390	0	0	390

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	86	2	0	5	3	2	0	3	0	15	15	15	85
2020	83	2	0	5	2	1	0	3	1	15	14	29	87
2021	79	2	0	5	2	1	0	3	1	14	12	41	90
2022	75	2	0	5	2	1	0	3	1	14	11	52	92
2023	72	1	0	4	2	1	0	3	1	13	10	62	94
2024	68	1	0	4	2	1	0	3	1	13	9	70	97
2025	64	1	0	4	2	1	0	3	1	12	8	78	99
2026	61	1	0	4	2	1	0	3	0	12	7	85	101
2027	58	1	0	4	2	1	0	3	0	11	6	91	104
2028	54	1	0	3	2	1	0	3	0	11	6	97	107
2029	51	1	0	3	2	1	0	3	0	10	5	102	109
2030	48	1	0	3	2	1	0	3	0	10	4	106	112
2031	45	1	0	3	1	1	0	3	0	9	4	110	115
2032	42	1	0	3	1	1	0	3	0	9	3	114	118
2033	38	1	0	2	1	1	0	3	0	8	3	117	121
2034	35	1	0	2	1	1	0	3	0	8	3	120	124
2035	32	1	0	2	1	1	0	3	0	8	2	122	127
2036	29	1	0	2	1	1	0	3	0	7	2	124	130
2037	25	1	0	2	1	1	0	3	0	7	2	126	133
2038	22	0	0	1	1	1	0	3	0	6	2	127	136
2039	19	0	0	1	1	0	0	3	(0)	6	1	129	140
2040	16	0	0	1	2	0	0	3	(1)	5	1	130	143
2041	14	0	0	1	2	0	0	3	(1)	5	1	131	147
2042	13	0	0	1	2	0	0	3	(1)	5	1	132	151
2043	11	0	0	1	2	0	0	3	(1)	5	1	133	154
2044	9	0	0	1	1	0	0	3	(1)	4	1	133	158
2045	7	0	0	0	1	0	0	3	(1)	4	1	134	162
2046	5	0	0	0	1	0	0	3	(1)	4	1	134	166
2047	4	0	0	0	1	0	0	3	(1)	4	0	135	170
2048	2	0	0	0	1	(0)	0	3	(1)	3	0	135	175

IN SERVICE COST	($000)	85
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.5%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	5.14	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58642

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) 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	4	0	0	0	0	(1)
2020	7.22%	6	9	3	6	3	5	1	4	0	0	0	1	0
2021	6.68%	6	15	3	9	3	8	1	4	0	0	0	1	1
2022	6.18%	5	20	3	11	3	11	1	4	0	0	0	1	2
2023	5.71%	5	25	3	14	3	13	1	4	0	0	0	1	3
2024	5.29%	4	29	3	17	3	16	1	4	0	0	0	1	4
2025	4.89%	4	33	3	20	3	19	1	4	0	0	0	1	4
2026	4.52%	4	37	3	23	3	22	0	4	0	0	0	0	5
2027	4.46%	4	41	3	26	3	24	0	4	0	0	0	0	5
2028	4.46%	4	45	3	28	3	27	0	4	0	0	0	0	6
2029	4.46%	4	48	3	31	3	30	0	4	0	0	0	0	6
2030	4.46%	4	52	3	34	3	32	0	4	0	0	0	0	6
2031	4.46%	4	56	3	37	3	35	0	4	0	0	0	0	7
2032	4.46%	4	60	3	40	3	38	0	4	0	0	0	0	7
2033	4.46%	4	63	3	43	3	40	0	4	0	0	0	0	8
2034	4.46%	4	67	3	45	3	43	0	4	0	0	0	0	8
2035	4.46%	4	71	3	48	3	46	0	4	0	0	0	0	8
2036	4.46%	4	75	3	51	3	48	0	4	0	0	0	0	9
2037	4.46%	4	78	3	54	3	51	0	4	0	0	0	0	9
2038	4.46%	4	82	3	57	3	54	0	4	0	0	0	0	10
2039	2.23%	2	84	3	60	3	57	(0)	4	0	0	0	(0)	9
2040	0.00%	0	84	3	63	3	59	(1)	4	0	0	0	(1)	8
2041	0.00%	0	84	3	65	3	62	(1)	4	0	0	0	(1)	7
2042	0.00%	0	84	3	68	3	65	(1)	4	0	0	0	(1)	6
2043	0.00%	0	84	3	71	3	67	(1)	4	0	0	0	(1)	5
2044	0.00%	0	84	3	74	3	70	(1)	4	0	0	0	(1)	4
2045	0.00%	0	84	3	77	3	73	(1)	4	0	0	0	(1)	3
2046	0.00%	0	84	3	80	3	75	(1)	4	0	0	0	(1)	2
2047	0.00%	0	84	3	82	3	78	(1)	4	0	0	0	(1)	1
2048	0.00%	0	84	3	85	3	81	(1)	4	0	0	0	(1)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(1)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	4
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	3	0	82	3	(1)	86	83	85
2020	7.22%	6	1	80	6	0	83	79	81
2021	6.68%	6	1	77	9	1	79	75	77
2022	6.18%	5	1	74	11	2	75	72	73
2023	5.71%	5	1	71	14	3	72	68	70
2024	5.29%	4	1	68	17	4	68	64	66
2025	4.89%	4	1	65	20	4	64	61	63
2026	4.52%	4	0	63	23	5	61	58	59
2027	4.46%	4	0	60	26	5	58	54	56
2028	4.46%	4	0	57	28	6	54	51	53
2029	4.46%	4	0	54	31	6	51	48	50
2030	4.46%	4	0	51	34	6	48	45	46
2031	4.46%	4	0	48	37	7	45	42	43
2032	4.46%	4	0	45	40	7	42	38	40
2033	4.46%	4	0	43	43	8	38	35	37
2034	4.46%	4	0	40	45	8	35	32	33
2035	4.46%	4	0	37	48	8	32	29	30
2036	4.46%	4	0	34	51	9	29	25	27
2037	4.46%	4	0	31	54	9	25	22	24
2038	4.46%	4	0	28	57	10	22	19	20
2039	2.23%	2	(0)	26	60	9	19	16	17
2040	0.00%	0	(1)	23	63	8	16	14	15
2041	0.00%	0	(1)	20	65	7	14	13	14
2042	0.00%	0	(1)	17	68	6	13	11	12
2043	0.00%	0	(1)	14	71	5	11	9	10
2044	0.00%	0	(1)	11	74	4	9	7	8
2045	0.00%	0	(1)	9	77	3	7	5	6
2046	0.00%	0	(1)	6	80	2	5	4	5
2047	0.00%	0	(1)	3	82	1	4	2	3
2048	0.00%	0	(1)	(0)	85	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)
2014	-5	0.00%	1.000	0.11%	0.83	0.41
2015	-4	3.00%	1.030	0.28%	2.26	1.96
2016	-3	3.00%	1.061	8.69%	71.58	38.88
2017	-2	3.00%	1.093	53.83%	456.61	302.97
2018	-1	3.00%	1.126	37.09%	324.11	693.33
				100.00%	855.39	

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)
2014	-5	0.41	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.86	0.86
2015	-4	1.99	0.04	0.05	0.13	0.16	0.10	0.12	(0.02)	(0.03)	2.39	3.24
2016	-3	39.03	0.76	0.81	2.54	2.70	2.01	2.13	(0.48)	(0.51)	74.12	77.36
2017	-2	305.67	5.95	6.76	19.90	22.60	15.69	17.82	(3.76)	(4.27)	476.51	553.87
2018	-1	715.93	13.99	20.74	46.81	69.41	36.57	54.39	(8.71)	(12.98)	370.93	924.80
				20.74		69.41		54.39		(12.98)		924.80

IN SERVICE YEAR	2019
PLANT COSTS	776.3262845
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	79	79	79
EQUITY AFUDC	4		
DEBT AFUDC	2	2	
CPI			5
TOTAL	85	81	84

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2014	1	1	3.60	7.12	3.60	0.00	1.00	1.00
2015	1	1	4.45	8.42	4.45	0.00	1.00	1.00
2016	1	1	4.92	12.24	4.92	0.00	1.00	1.00
2017	1	1	4.27	10.29	4.27	0.00	1.00	1.00
2018	1	1	5.27	11.75	5.27	0.00	1.00	1.00
2019	1	1	5.38	16.61	5.38	5.05	1.00	1.00
2020	1	1	5.65	19.65	5.65	5.04	1.00	1.00
2021	1	1	5.65	18.15	5.65	5.11	1.00	1.00
2022	1	1	5.60	15.84	5.60	5.07	1.00	1.00
2023	1	1	5.60	14.15	5.60	5.17	1.00	1.00
2024	1	1	5.81	14.12	5.81	5.46	1.00	1.00
2025	1	1	5.98	17.69	5.98	5.61	1.00	1.00
2026	1	1	5.73	19.09	5.73	5.73	1.00	1.00
2027	1	1	6.01	16.85	6.01	6.01	1.00	1.00
2028	1	1	6.07	17.17	6.07	6.10	1.00	1.00
2029	1	1	6.28	13.07	6.28	6.40	1.00	1.00
2030	1	1	6.34	14.76	6.34	6.40	1.00	1.00
2031	1	1	6.57	17.01	6.57	6.72	1.00	1.00
2032	1	1	6.62	15.42	6.62	6.79	1.00	1.00
2033	1	1	6.97	16.02	6.97	7.12	1.00	1.00
2034	1	1	7.05	13.20	7.05	7.32	1.00	1.00
2035	1	1	7.19	11.99	7.19	7.51	1.00	1.00
2036	1	1	7.47	17.33	7.47	7.70	1.00	1.00
2037	1	1	7.68	17.92	7.68	8.03	1.00	1.00
2038	1	1	7.94	16.32	7.94	8.32	1.00	1.00
2039	1	1	8.12	13.64	8.12	8.48	1.00	1.00
2040	1	1	8.35	14.31	8.35	8.85	1.00	1.00
2041	1	1	8.67	15.52	8.67	9.11	1.00	1.00
2042	1	1	8.99	18.22	8.99	9.45	1.00	1.00
2043	1	1	9.27	16.85	9.27	9.80	1.00	1.00
2044	1	1	9.60	18.50	9.60	10.24	1.00	1.00
2045	1	1	9.94	16.83	9.94	10.56	1.00	1.00
2046	1	1	10.25	13.72	10.25	10.91	1.00	1.00
2047	1	1	10.57	14.20	10.57	11.25	1.00	1.00
2048	1	1	11.00	18.99	11.00	11.71	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
	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.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
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	15	6	0	17	23	16
2020	15	6	1	31	39	14
2021	14	6	1	32	39	13
2022	14	7	1	33	39	14
2023	13	7	1	34	40	15
2024	13	7	1	36	42	14
2025	12	7	1	37	43	14
2026	12	7	1	37	42	15
2027	11	7	1	38	43	14
2028	11	8	1	40	44	15
2029	10	8	1	41	46	14
2030	10	8	1	42	46	15
2031	9	8	1	44	48	14
2032	9	8	1	46	49	15
2033	8	9	1	48	52	14
2034	8	9	1	50	53	14
2035	8	9	1	51	54	14
2036	7	9	1	53	56	14
2037	7	9	1	55	58	14
2038	6	10	1	58	60	14
2039	6	10	1	60	62	15
2040	5	10	1	62	64	14
2041	5	10	1	64	66	14
2042	5	11	1	67	69	15
2043	5	11	1	69	71	14
2044	4	11	1	72	74	14
2045	4	12	1	75	77	15
2046	4	12	1	77	79	15
2047	4	12	1	80	82	15
2048	3	12	1	83	85	15
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	256	267	23	1,531	1,644	433
NPV	94	69	6	367	409	127

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2014	0	0	0	0	0	0	9	0
2015	2	0	3	0	0	0	22	0
2016	2	0	3	0	0	0	33	0
2017	2	0	3	0	0	0	27	0
2018	2	0	2	0	0	0	31	0
2019	2	0	2	0	0	0	45	0
2020	2	0	2	0	0	0	54	0
2021	2	0	2	0	0	0	49	0
2022	2	0	2	0	0	0	43	0
2023	2	0	2	0	0	0	38	0
2024	2	0	2	0	0	0	38	0
2025	2	0	2	0	0	0	48	0
2026	1	0	2	0	0	0	52	0
2027	1	0	2	0	0	0	45	0
2028	1	0	2	0	0	0	46	0
2029	1	0	2	0	0	0	34	0
2030	1	0	2	0	0	0	39	0
2031	1	0	2	0	0	0	46	0
2032	1	1	2	0	0	0	41	0
2033	1	1	2	0	0	0	43	0
2034	1	1	2	0	0	0	34	0
2035	1	1	2	0	0	0	31	0
2036	1	1	2	0	0	0	46	0
2037	1	1	2	0	0	0	48	0
2038	1	1	2	0	0	0	43	0
2039	1	1	2	0	0	0	35	0
2040	1	1	1	0	0	0	37	0
2041	1	1	1	0	0	0	40	0
2042	1	1	1	0	0	0	48	0
2043	1	1	1	0	0	0	44	0
2044	1	1	1	0	0	0	48	0
2045	1	1	1	0	0	0	43	0
2046	1	1	1	0	0	0	34	0
2047	1	1	1	0	0	0	36	0
2048	1	1	1	0	0	0	49	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	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.	44	18	62	5	9	14	1,400	0
NPV	20	5	25	3	3	5	487	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT $(000)	(3) REPLACEMENT EMISSION COST $(000)	(4) PROGRAM EMISSION BENEFIT $(000)	(5) OFF-PEAK EMISSION PAYBACK COST $(000)	(6) NET EMISSION BENEFIT $(000)
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	3	4	1	0	0
2023	4	6	2	0	0
2024	5	6	2	0	1
2025	5	7	2	0	1
2026	6	7	2	0	1
2027	6	8	3	0	1
2028	7	9	3	0	1
2029	7	10	3	0	1
2030	8	11	4	0	1
2031	9	12	4	0	1
2032	10	13	4	0	1
2033	11	14	5	0	1
2034	12	16	5	0	1
2035	13	17	6	0	2
2036	14	18	6	0	2
2037	15	20	7	0	2
2038	16	21	7	0	2
2039	18	23	8	0	2
2040	19	25	8	0	2
2041	21	27	9	0	2
2042	22	29	10	0	3
2043	24	31	10	0	3
2044	26	34	11	0	3
2045	28	36	12	0	3
2046	29	39	13	0	4
2047	31	41	13	0	4
2048	33	44	14	0	4
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	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	403	528	174	0	49
NPV	72	94	32	0	9

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	1	226	0	227	0	0	9	0	10	(217)	(217)
2015	0	0	0	0	0	0	3	22	0	25	25	(194)
2016	0	0	0	0	0	0	3	33	0	36	36	(163)
2017	0	0	0	0	0	0	3	27	0	30	30	(138)
2018	0	0	0	0	0	0	3	31	0	34	34	(113)
2019	0	0	0	0	0	16	3	45	0	64	64	(68)
2020	0	0	0	0	0	14	3	54	0	70	70	(23)
2021	0	0	0	0	0	13	3	49	0	65	65	17
2022	0	0	0	0	0	14	3	43	0	60	60	50
2023	0	0	0	0	0	15	3	38	0	56	56	79
2024	0	0	0	0	0	14	2	38	1	55	55	106
2025	0	0	0	0	0	14	2	48	1	65	65	135
2026	0	0	0	0	0	15	2	52	1	70	70	164
2027	0	0	0	0	0	14	2	45	1	63	63	188
2028	0	0	0	0	0	15	2	46	1	65	65	212
2029	0	1	328	0	328	14	2	34	1	52	(276)	119
2030	0	0	0	0	0	15	2	39	1	57	57	137
2031	0	0	0	0	0	14	2	46	1	63	63	155
2032	0	0	0	0	0	15	2	41	1	59	59	171
2033	0	0	0	0	0	14	2	43	1	60	60	186
2034	0	0	0	0	0	14	2	34	1	52	52	198
2035	0	0	0	0	0	14	2	31	2	49	49	209
2036	0	0	0	0	0	14	2	46	2	64	64	222
2037	0	0	0	0	0	14	2	48	2	66	66	234
2038	0	0	0	0	0	14	2	43	2	61	61	245
2039	0	0	0	0	0	15	2	35	2	54	54	254
2040	0	0	0	0	0	14	2	37	2	55	55	262
2041	0	0	0	0	0	14	2	40	2	59	59	270
2042	0	0	0	0	0	15	2	48	3	67	67	279
2043	0	0	0	0	0	14	2	44	3	63	63	287
2044	0	1	474	0	475	14	2	48	3	67	(408)	241
2045	0	0	0	0	0	15	2	43	3	63	63	247
2046	0	0	0	0	0	15	2	34	4	54	54	253
2047	0	0	0	0	0	15	2	36	4	56	56	258
2048	0	0	0	0	0	15	2	49	4	70	70	263
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	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	2	1,028	0	1,030	433	76	1,400	49	1,959	929	
NPV	0	1	390	0	391	127	31	487	9	654	263	

Discount Rate: 7.54 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **1.67**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	12	0	14	0	26	226	0	0	226	(200)	(200)
2015	23	0	0	0	23	0	0	0	0	23	(179)
2016	23	0	0	0	23	0	0	0	0	23	(159)
2017	24	0	0	0	24	0	0	0	0	24	(140)
2018	25	0	0	0	25	0	0	0	0	25	(121)
2019	27	0	0	0	27	0	0	0	0	27	(102)
2020	28	0	0	0	28	0	0	0	0	28	(84)
2021	29	0	0	0	29	0	0	0	0	29	(67)
2022	30	0	0	0	30	0	0	0	0	30	(50)
2023	30	0	0	0	30	0	0	0	0	30	(34)
2024	30	0	0	0	30	0	0	0	0	30	(20)
2025	30	0	0	0	30	0	0	0	0	30	(6)
2026	31	0	0	0	31	0	0	0	0	31	7
2027	31	0	0	0	31	0	0	0	0	31	19
2028	32	0	0	0	32	0	0	0	0	32	31
2029	33	0	14	0	47	328	0	0	328	(280)	(64)
2030	33	0	0	0	33	0	0	0	0	33	(53)
2031	34	0	0	0	34	0	0	0	0	34	(43)
2032	36	0	0	0	36	0	0	0	0	36	(34)
2033	38	0	0	0	38	0	0	0	0	38	(24)
2034	39	0	0	0	39	0	0	0	0	39	(15)
2035	40	0	0	0	40	0	0	0	0	40	(6)
2036	42	0	0	0	42	0	0	0	0	42	2
2037	44	0	0	0	44	0	0	0	0	44	11
2038	45	0	0	0	45	0	0	0	0	45	19
2039	47	0	0	0	47	0	0	0	0	47	26
2040	48	0	0	0	48	0	0	0	0	48	33
2041	50	0	0	0	50	0	0	0	0	50	40
2042	51	0	0	0	51	0	0	0	0	51	47
2043	54	0	0	0	54	0	0	0	0	54	54
2044	56	0	14	0	70	474	0	0	474	(404)	8
2045	58	0	0	0	58	0	0	0	0	58	14
2046	60	0	0	0	60	0	0	0	0	60	20
2047	63	0	0	0	63	0	0	0	0	63	26
2048	66	0	0	0	66	0	0	0	0	66	31
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	1,342	0	43	0	1,385	1,028	0	0	1,028	357	
NPV	400	0	21	0	421	390	0	0	390	31	

In Service of Gen Unit: 2019
Discount Rate : 7.54 %
Benefit/Cost Ratio (Col(6) / Col(10)) **1.08**

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	1	14	11	0	26	9	0	0	0	10	(16)	(16)
2015	0	0	0	20	0	20	22	3	0	0	25	5	(11)
2016	0	0	0	21	0	21	33	3	0	0	36	15	2
2017	0	0	0	21	0	21	27	3	0	0	30	9	9
2018	0	0	0	23	0	23	31	3	0	0	34	11	18
2019	0	0	0	24	0	24	61	3	0	0	64	40	45
2020	0	0	0	25	0	25	67	3	0	0	70	45	74
2021	0	0	0	26	0	26	63	3	0	0	65	39	98
2022	0	0	0	27	0	27	57	3	0	0	60	33	116
2023	0	0	0	27	0	27	53	3	0	0	56	29	131
2024	0	0	0	27	0	27	52	2	0	1	55	28	145
2025	0	0	0	27	0	27	62	2	0	1	65	38	162
2026	0	0	0	27	0	27	67	2	0	1	70	42	180
2027	0	0	0	28	0	28	60	2	0	1	63	35	193
2028	0	0	0	28	0	28	62	2	0	1	65	36	206
2029	0	1	14	29	0	44	49	2	0	1	52	8	209
2030	0	0	0	30	0	30	54	2	0	1	57	28	218
2031	0	0	0	30	0	30	60	2	0	1	63	33	227
2032	0	0	0	31	0	31	56	2	0	1	59	28	235
2033	0	0	0	33	0	33	57	2	0	1	60	27	241
2034	0	0	0	34	0	34	49	2	0	1	52	18	245
2035	0	0	0	35	0	35	45	2	0	2	49	14	248
2036	0	0	0	37	0	37	61	2	0	2	64	27	254
2037	0	0	0	38	0	38	62	2	0	2	66	27	259
2038	0	0	0	39	0	39	57	2	0	2	61	21	263
2039	0	0	0	41	0	41	50	2	0	2	54	13	265
2040	0	0	0	42	0	42	51	2	0	2	55	14	267
2041	0	0	0	43	0	43	55	2	0	2	59	16	269
2042	0	0	0	45	0	45	63	2	0	3	67	23	272
2043	0	0	0	47	0	47	58	2	0	3	63	16	274
2044	0	1	14	49	0	64	63	2	0	3	67	3	275
2045	0	0	0	50	0	50	58	2	0	3	63	13	276
2046	0	0	0	52	0	52	49	2	0	4	54	2	276
2047	0	0	0	54	0	54	50	2	0	4	56	2	276
2048	0	0	0	57	0	57	64	2	0	4	70	13	277
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	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	2	43	1,179	0	1,225	1,833	76	0	49	1,959	734	
NPV	0	1	21	355	0	377	614	31	0	9	654	277	

Discount Rate 7.54 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **1.74**

SCHEDULE CT-6

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	26.79	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	35.22591	kW
(3) kW LINE LOSS PERCENTAGE	7.22	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	249,008.21	kWh
(5) kWh LINE LOSS PERCENTAGE	5.76	%
(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	30	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.58642	
(5) K FACTOR FOR T & D	1.55920	

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	7.54	%
*	(11) UTILITY AFUDC RATE	6.50	%
*	(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	2014	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2017-2019	
(4) BASE YEAR AVOIDED GENERATING COST	776.33	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90	$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85	$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	58.35	$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50	%**
(10) TRANSMISSION FIXED O & M COST	3.53	$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34	$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50	%**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.065	CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50	%**
(15) GENERATOR CAPACITY FACTOR	56%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.85	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.65	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2014	1	6	0	6	6	2	49	0	0	49
2015	0	0	0	0	12	4	0	0	0	0
2016	0	0	0	0	12	4	0	0	0	0
2017	0	0	0	0	13	4	0	0	0	0
2018	0	0	0	0	14	4	0	0	0	0
2019	0	0	0	0	15	4	0	0	0	0
2020	0	0	0	0	15	4	0	0	0	0
2021	0	0	0	0	15	4	0	0	0	0
2022	0	0	0	0	16	5	0	0	0	0
2023	0	0	0	0	17	4	0	0	0	0
2024	1	6	0	6	17	4	63	0	0	63
2025	0	0	0	0	18	4	0	0	0	0
2026	0	0	0	0	18	4	0	0	0	0
2027	0	0	0	0	19	4	0	0	0	0
2028	0	0	0	0	19	4	0	0	0	0
2029	0	0	0	0	20	4	0	0	0	0
2030	0	0	0	0	20	4	0	0	0	0
2031	0	0	0	0	21	4	0	0	0	0
2032	0	0	0	0	22	4	0	0	0	0
2033	0	0	0	0	24	4	0	0	0	0
2034	1	6	0	6	25	4	80	0	0	80
2035	0	0	0	0	26	4	0	0	0	0
2036	0	0	0	0	28	4	0	0	0	0
2037	0	0	0	0	29	4	0	0	0	0
2038	0	0	0	0	30	4	0	0	0	0
2039	0	0	0	0	31	5	0	0	0	0
2040	0	0	0	0	32	5	0	0	0	0
2041	0	0	0	0	34	5	0	0	0	0
2042	0	0	0	0	35	5	0	0	0	0
2043	0	0	0	0	37	5	0	0	0	0
2044	1	6	0	7	39	5	102	0	0	102
2045	0	0	0	0	41	5	0	0	0	0
2046	0	0	0	0	43	5	0	0	0	0
2047	0	0	0	0	45	5	0	0	0	0
2048	0	0	0	0	47	5	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
NOM	3	22	0	25	858	148	294	0	0	294
NPV	1	10	0	11	238	52	109	0	0	109

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	33	1	0	2	1	1	0	1	0	6	6	6	33
2020	32	1	0	2	1	1	0	1	0	6	5	11	33
2021	30	1	0	2	1	1	0	1	0	5	5	16	34
2022	29	1	0	2	1	1	0	1	0	5	4	20	35
2023	27	1	0	2	1	0	0	1	0	5	4	24	36
2024	26	1	0	2	1	0	0	1	0	5	3	27	37
2025	25	1	0	2	1	0	0	1	0	5	3	30	38
2026	23	0	0	1	1	0	0	1	0	4	3	33	39
2027	22	0	0	1	1	0	0	1	0	4	2	35	40
2028	21	0	0	1	1	0	0	1	0	4	2	37	41
2029	20	0	0	1	1	0	0	1	0	4	2	39	42
2030	18	0	0	1	1	0	0	1	0	4	2	41	43
2031	17	0	0	1	1	0	0	1	0	4	1	42	44
2032	16	0	0	1	1	0	0	1	0	3	1	43	45
2033	15	0	0	1	0	0	0	1	0	3	1	45	46
2034	13	0	0	1	0	0	0	1	0	3	1	46	47
2035	12	0	0	1	0	0	0	1	0	3	1	47	48
2036	11	0	0	1	0	0	0	1	0	3	1	47	50
2037	10	0	0	1	0	0	0	1	0	3	1	48	51
2038	8	0	0	1	0	0	0	1	0	2	1	49	52
2039	7	0	0	0	0	0	0	1	(0)	2	1	49	53
2040	6	0	0	0	1	0	0	1	(0)	2	0	50	55
2041	6	0	0	0	1	0	0	1	(0)	2	0	50	56
2042	5	0	0	0	1	0	0	1	(0)	2	0	50	57
2043	4	0	0	0	1	0	0	1	(0)	2	0	51	59
2044	3	0	0	0	1	0	0	1	(0)	2	0	51	60
2045	3	0	0	0	1	0	0	1	(0)	2	0	51	62
2046	2	0	0	0	1	0	0	1	(0)	1	0	51	63
2047	1	0	0	0	0	0	0	1	(0)	1	0	52	65
2048	1	0	0	0	0	(0)	0	1	(0)	1	0	52	67

IN SERVICE COST	($000)	33
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.5%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	5.14	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58642

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE $(000)	SALVAGE TAX RATE $(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) $(000)	ACCUMULATED DEFERRED TAX $(000)
2019	3.75%	1	1	1	1	1	1	0	2	0	0	0	0	(0)
2020	7.22%	2	4	1	2	1	2	0	2	0	0	0	0	0
2021	6.68%	2	6	1	3	1	3	0	2	0	0	0	0	1
2022	6.18%	2	8	1	4	1	4	0	2	0	0	0	0	1
2023	5.71%	2	9	1	5	1	5	0	2	0	0	0	0	1
2024	5.29%	2	11	1	7	1	6	0	2	0	0	0	0	1
2025	4.89%	2	13	1	8	1	7	0	2	0	0	0	0	2
2026	4.52%	1	14	1	9	1	8	0	2	0	0	0	0	2
2027	4.46%	1	16	1	10	1	9	0	2	0	0	0	0	2
2028	4.46%	1	17	1	11	1	10	0	2	0	0	0	0	2
2029	4.46%	1	18	1	12	1	11	0	2	0	0	0	0	2
2030	4.46%	1	20	1	13	1	12	0	2	0	0	0	0	2
2031	4.46%	1	21	1	14	1	13	0	2	0	0	0	0	3
2032	4.46%	1	23	1	15	1	14	0	2	0	0	0	0	3
2033	4.46%	1	24	1	16	1	15	0	2	0	0	0	0	3
2034	4.46%	1	26	1	17	1	16	0	2	0	0	0	0	3
2035	4.46%	1	27	1	18	1	17	0	2	0	0	0	0	3
2036	4.46%	1	28	1	20	1	19	0	2	0	0	0	0	3
2037	4.46%	1	30	1	21	1	20	0	2	0	0	0	0	4
2038	4.46%	1	31	1	22	1	21	0	2	0	0	0	0	4
2039	2.23%	1	32	1	23	1	22	(0)	2	0	0	0	(0)	4
2040	0.00%	0	32	1	24	1	23	(0)	2	0	0	0	(0)	3
2041	0.00%	0	32	1	25	1	24	(0)	2	0	0	0	(0)	3
2042	0.00%	0	32	1	26	1	25	(0)	2	0	0	0	(0)	2
2043	0.00%	0	32	1	27	1	26	(0)	2	0	0	0	(0)	2
2044	0.00%	0	32	1	28	1	27	(0)	2	0	0	0	(0)	2
2045	0.00%	0	32	1	29	1	28	(0)	2	0	0	0	(0)	1
2046	0.00%	0	32	1	30	1	29	(0)	2	0	0	0	(0)	1
2047	0.00%	0	32	1	31	1	30	(0)	2	0	0	0	(0)	0
2048	0.00%	0	32	1	33	1	31	(0)	2	0	0	0	(0)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(0)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	2
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	1	0	31	1	(0)	33	32	32
2020	7.22%	2	0	30	2	0	32	30	31
2021	6.68%	2	0	29	3	1	30	29	30
2022	6.18%	2	0	28	4	1	29	27	28
2023	5.71%	2	0	27	5	1	27	26	27
2024	5.29%	2	0	26	7	1	26	25	25
2025	4.89%	2	0	25	8	2	25	23	24
2026	4.52%	1	0	24	9	2	23	22	23
2027	4.46%	1	0	23	10	2	22	21	21
2028	4.46%	1	0	22	11	2	21	20	20
2029	4.46%	1	0	21	12	2	20	18	19
2030	4.46%	1	0	20	13	2	18	17	18
2031	4.46%	1	0	18	14	3	17	16	16
2032	4.46%	1	0	17	15	3	16	15	15
2033	4.46%	1	0	16	16	3	15	13	14
2034	4.46%	1	0	15	17	3	13	12	13
2035	4.46%	1	0	14	18	3	12	11	12
2036	4.46%	1	0	13	20	3	11	10	10
2037	4.46%	1	0	12	21	4	10	8	9
2038	4.46%	1	0	11	22	4	8	7	8
2039	2.23%	1	(0)	10	23	4	7	6	7
2040	0.00%	0	(0)	9	24	3	6	6	6
2041	0.00%	0	(0)	8	25	3	6	5	5
2042	0.00%	0	(0)	7	26	2	5	4	4
2043	0.00%	0	(0)	5	27	2	4	3	4
2044	0.00%	0	(0)	4	28	2	3	3	3
2045	0.00%	0	(0)	3	29	1	3	2	2
2046	0.00%	0	(0)	2	30	1	2	1	2
2047	0.00%	0	(0)	1	31	0	1	1	1
2048	0.00%	0	(0)	(0)	33	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)
2014	-5	0.00%	1.000	0.11%	0.83	0.41
2015	-4	3.00%	1.030	0.28%	2.26	1.96
2016	-3	3.00%	1.061	8.69%	71.58	38.88
2017	-2	3.00%	1.093	53.83%	456.61	302.97
2018	-1	3.00%	1.126	37.09%	324.11	693.33
				100.00%	855.39	

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)
2014	-5	0.41	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.86	0.86
2015	-4	1.99	0.04	0.05	0.13	0.16	0.10	0.12	(0.02)	(0.03)	2.39	3.24
2016	-3	39.03	0.76	0.81	2.54	2.70	2.01	2.13	(0.48)	(0.51)	74.12	77.36
2017	-2	305.67	5.95	6.76	19.90	22.60	15.69	17.82	(3.76)	(4.27)	476.51	553.87
2018	-1	715.93	13.99	20.74	46.81	69.41	36.57	54.39	(8.71)	(12.98)	370.93	924.80
				20.74		69.41		54.39		(12.98)		924.80

IN SERVICE YEAR	2019
PLANT COSTS	776.3262845
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	30	30	30
EQUITY AFUDC	2		
DEBT AFUDC	1	1	
CPI			2
TOTAL	33	31	32

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2014	1	1	3.60	7.02	3.64	0.00	1.00	1.00
2015	1	1	4.45	7.28	4.51	0.00	1.00	1.00
2016	1	1	4.92	12.68	5.00	0.00	1.00	1.00
2017	1	1	4.27	9.83	4.31	0.00	1.00	1.00
2018	1	1	5.27	12.51	5.33	0.00	1.00	1.00
2019	1	1	5.38	15.20	5.44	5.05	1.00	1.00
2020	1	1	5.65	15.29	5.71	5.04	1.00	1.00
2021	1	1	5.65	14.46	5.71	5.11	1.00	1.00
2022	1	1	5.60	14.79	5.65	5.07	1.00	1.00
2023	1	1	5.60	13.84	5.65	5.17	1.00	1.00
2024	1	1	5.81	13.31	5.86	5.46	1.00	1.00
2025	1	1	5.98	13.81	6.03	5.61	1.00	1.00
2026	1	1	5.73	11.82	5.78	5.73	1.00	1.00
2027	1	1	6.01	14.29	6.07	6.01	1.00	1.00
2028	1	1	6.07	12.27	6.13	6.10	1.00	1.00
2029	1	1	6.28	11.82	6.34	6.40	1.00	1.00
2030	1	1	6.34	11.45	6.40	6.40	1.00	1.00
2031	1	1	6.57	12.37	6.62	6.72	1.00	1.00
2032	1	1	6.62	9.88	6.66	6.79	1.00	1.00
2033	1	1	6.97	12.42	7.00	7.12	1.00	1.00
2034	1	1	7.05	10.28	7.08	7.32	1.00	1.00
2035	1	1	7.19	9.69	7.22	7.51	1.00	1.00
2036	1	1	7.47	10.70	7.49	7.70	1.00	1.00
2037	1	1	7.68	11.21	7.71	8.03	1.00	1.00
2038	1	1	7.94	11.07	7.97	8.32	1.00	1.00
2039	1	1	8.12	10.73	8.15	8.48	1.00	1.00
2040	1	1	8.35	10.98	8.37	8.85	1.00	1.00
2041	1	1	8.67	11.51	8.69	9.11	1.00	1.00
2042	1	1	8.99	12.53	9.02	9.45	1.00	1.00
2043	1	1	9.27	12.46	9.30	9.80	1.00	1.00
2044	1	1	9.60	13.16	9.63	10.24	1.00	1.00
2045	1	1	9.94	13.08	9.97	10.56	1.00	1.00
2046	1	1	10.25	12.60	10.27	10.91	1.00	1.00
2047	1	1	10.57	13.26	10.60	11.25	1.00	1.00
2048	1	1	11.00	14.62	11.04	11.71	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
	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.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
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	6	2	0	7	9	6
2020	6	2	0	12	15	5
2021	5	2	0	12	15	5
2022	5	3	0	12	15	5
2023	5	3	0	13	15	6
2024	5	3	0	14	16	5
2025	5	3	0	14	16	5
2026	4	3	0	14	16	6
2027	4	3	0	15	16	5
2028	4	3	0	15	17	6
2029	4	3	0	16	17	5
2030	4	3	0	16	18	6
2031	4	3	0	17	18	5
2032	3	3	0	17	19	6
2033	3	3	0	18	20	5
2034	3	3	0	19	20	5
2035	3	3	0	20	21	5
2036	3	4	0	20	21	6
2037	3	4	0	21	22	5
2038	2	4	0	22	23	5
2039	2	4	0	23	24	6
2040	2	4	0	24	25	5
2041	2	4	0	24	25	5
2042	2	4	0	25	26	6
2043	2	4	0	26	27	6
2044	2	4	0	27	28	5
2045	2	4	0	28	29	6
2046	1	5	0	30	30	6
2047	1	5	0	30	31	6
2048	1	5	0	32	33	6
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	98	102	9	585	628	165
NPV	36	26	2	140	156	48

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2014	0	0	0	0	0	0	10	0
2015	1	0	1	0	0	0	20	0
2016	1	0	1	0	0	0	36	0
2017	1	0	1	0	0	0	27	0
2018	1	0	1	0	0	0	35	0
2019	1	0	1	0	0	0	43	0
2020	1	0	1	0	0	0	43	0
2021	1	0	1	0	0	0	41	0
2022	1	0	1	0	0	0	42	0
2023	1	0	1	0	0	0	39	0
2024	1	0	1	0	0	0	37	0
2025	1	0	1	0	0	0	38	0
2026	1	0	1	0	0	0	33	0
2027	1	0	1	0	0	0	40	0
2028	1	0	1	0	0	0	34	0
2029	0	0	1	0	0	0	32	0
2030	0	0	1	0	0	0	31	0
2031	0	0	1	0	0	0	34	0
2032	0	0	1	0	0	0	26	0
2033	0	0	1	0	0	0	34	0
2034	0	0	1	0	0	0	27	0
2035	0	0	1	0	0	0	25	0
2036	0	0	1	0	0	0	28	0
2037	0	0	1	0	0	0	30	0
2038	0	0	1	0	0	0	29	0
2039	0	0	1	0	0	0	28	0
2040	0	0	1	0	0	0	29	0
2041	0	0	1	0	0	0	30	0
2042	0	0	1	0	0	0	33	0
2043	0	0	1	0	0	0	33	0
2044	0	0	1	0	0	0	35	0
2045	0	0	1	0	0	0	34	0
2046	0	0	1	0	0	0	33	0
2047	0	0	1	0	0	0	34	0
2048	0	0	1	0	0	0	38	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	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.	17	7	24	2	3	5	1,138	0
NPV	8	2	10	1	1	2	421	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

	(2)	(3)	(4)	(5)	(6)
YEAR	AVOIDED GEN UNIT EMISSION BENEFIT $(000)	REPLACEMENT EMISSION COST $(000)	PROGRAM EMISSION BENEFIT $(000)	OFF-PEAK EMISSION PAYBACK COST $(000)	NET EMISSION BENEFIT $(000)
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	1	1	1	0	1
2023	2	2	2	0	1
2024	2	2	2	0	2
2025	2	3	2	0	2
2026	2	3	3	0	2
2027	2	3	3	0	2
2028	3	3	3	0	2
2029	3	4	3	0	3
2030	3	4	4	0	3
2031	3	4	4	0	3
2032	4	5	4	0	3
2033	4	5	5	0	4
2034	5	6	5	0	4
2035	5	6	6	0	4
2036	5	7	6	0	5
2037	6	8	7	0	5
2038	6	8	7	0	5
2039	7	9	8	0	6
2040	7	10	9	0	6
2041	8	10	9	0	7
2042	9	11	10	0	7
2043	9	12	11	0	8
2044	10	13	12	0	9
2045	11	14	12	0	9
2046	11	15	13	0	10
2047	12	16	14	0	10
2048	13	17	15	0	11
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	154	202	181	0	134
NPV	27	36	33	0	24

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	1	49	0	49	0	0	10	0	10	(40)	(40)
2015	0	0	0	0	0	0	1	20	0	21	21	(20)
2016	0	0	0	0	0	0	1	36	0	37	37	11
2017	0	0	0	0	0	0	1	27	0	28	28	34
2018	0	0	0	0	0	0	1	35	0	36	36	61
2019	0	0	0	0	0	6	1	43	0	50	50	96
2020	0	0	0	0	0	5	1	43	0	49	49	128
2021	0	0	0	0	0	5	1	41	0	47	47	156
2022	0	0	0	0	0	5	1	42	1	49	49	183
2023	0	0	0	0	0	6	1	39	1	47	47	208
2024	0	1	63	0	63	5	1	37	2	45	(18)	199
2025	0	0	0	0	0	5	1	38	2	46	46	220
2026	0	0	0	0	0	6	1	33	2	41	41	237
2027	0	0	0	0	0	5	1	40	2	48	48	255
2028	0	0	0	0	0	6	1	34	2	43	43	271
2029	0	0	0	0	0	5	1	32	3	41	41	285
2030	0	0	0	0	0	6	1	31	3	40	40	297
2031	0	0	0	0	0	5	1	34	3	43	43	310
2032	0	0	0	0	0	6	1	26	3	36	36	320
2033	0	0	0	0	0	5	1	34	4	43	43	330
2034	0	1	80	0	81	5	1	27	4	37	(44)	320
2035	0	0	0	0	0	5	1	25	4	36	36	328
2036	0	0	0	0	0	6	1	28	5	39	39	336
2037	0	0	0	0	0	5	1	30	5	41	41	344
2038	0	0	0	0	0	5	1	29	5	41	41	351
2039	0	0	0	0	0	6	1	28	6	40	40	357
2040	0	0	0	0	0	5	1	29	6	41	41	364
2041	0	0	0	0	0	5	1	30	7	43	43	370
2042	0	0	0	0	0	6	1	33	7	47	47	376
2043	0	0	0	0	0	6	1	33	8	47	47	381
2044	0	1	102	0	104	5	1	35	9	49	(54)	375
2045	0	0	0	0	0	6	1	34	9	49	49	381
2046	0	0	0	0	0	6	1	33	10	49	49	385
2047	0	0	0	0	0	6	1	34	10	51	51	390
2048	0	0	0	0	0	6	1	38	11	56	56	395
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
NOM	0	3	294	0	297	165	29	1,138	134	1,466	1,169	
NPV	0	1	109	0	111	48	12	421	24	505	395	

Discount Rate: 7.54 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **4.57**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	9	0	6	0	15	49	0	0	49	(34)	(34)
2015	18	0	0	0	18	0	0	0	0	18	(17)
2016	18	0	0	0	18	0	0	0	0	18	(1)
2017	19	0	0	0	19	0	0	0	0	19	14
2018	21	0	0	0	21	0	0	0	0	21	29
2019	22	0	0	0	22	0	0	0	0	22	45
2020	23	0	0	0	23	0	0	0	0	23	59
2021	23	0	0	0	23	0	0	0	0	23	73
2022	24	0	0	0	24	0	0	0	0	24	86
2023	25	0	0	0	25	0	0	0	0	25	99
2024	25	0	6	0	31	63	0	0	63	(32)	84
2025	26	0	0	0	26	0	0	0	0	26	95
2026	26	0	0	0	26	0	0	0	0	26	106
2027	27	0	0	0	27	0	0	0	0	27	116
2028	27	0	0	0	27	0	0	0	0	27	126
2029	28	0	0	0	28	0	0	0	0	28	136
2030	29	0	0	0	29	0	0	0	0	29	145
2031	29	0	0	0	29	0	0	0	0	29	153
2032	31	0	0	0	31	0	0	0	0	31	162
2033	33	0	0	0	33	0	0	0	0	33	170
2034	34	0	6	0	40	80	0	0	80	(40)	161
2035	36	0	0	0	36	0	0	0	0	36	168
2036	38	0	0	0	38	0	0	0	0	38	176
2037	39	0	0	0	39	0	0	0	0	39	183
2038	41	0	0	0	41	0	0	0	0	41	191
2039	42	0	0	0	42	0	0	0	0	42	197
2040	43	0	0	0	43	0	0	0	0	43	204
2041	45	0	0	0	45	0	0	0	0	45	210
2042	47	0	0	0	47	0	0	0	0	47	217
2043	50	0	0	0	50	0	0	0	0	50	223
2044	52	0	6	0	57	102	0	0	102	(45)	217
2045	54	0	0	0	54	0	0	0	0	54	223
2046	57	0	0	0	57	0	0	0	0	57	229
2047	59	0	0	0	59	0	0	0	0	59	234
2048	62	0	0	0	62	0	0	0	0	62	239
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	1,182	0	22	0	1,204	294	0	0	294	910	
NPV	339	0	10	0	349	109	0	0	109	239	

In Service of Gen Unit: 2019
Discount Rate : 7.54 %
Benefit/Cost Ratio (Col(6) / Col(10)) **3.19**

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	1	6	8	0	14	10	0	0	0	10	(5)	(5)
2015	0	0	0	15	0	15	20	1	0	0	21	5	0
2016	0	0	0	16	0	16	36	1	0	0	37	21	19
2017	0	0	0	16	0	16	27	1	0	0	28	12	28
2018	0	0	0	18	0	18	35	1	0	0	36	18	42
2019	0	0	0	19	0	19	49	1	0	0	50	31	64
2020	0	0	0	19	0	19	48	1	0	0	49	30	83
2021	0	0	0	20	0	20	46	1	0	0	47	27	99
2022	0	0	0	21	0	21	47	1	0	1	49	28	115
2023	0	0	0	21	0	21	44	1	0	1	47	25	128
2024	0	1	6	22	0	28	42	1	0	2	45	17	136
2025	0	0	0	22	0	22	44	1	0	2	46	25	147
2026	0	0	0	22	0	22	38	1	0	2	41	19	155
2027	0	0	0	23	0	23	45	1	0	2	48	25	165
2028	0	0	0	23	0	23	40	1	0	2	43	19	172
2029	0	0	0	24	0	24	38	1	0	3	41	17	178
2030	0	0	0	25	0	25	37	1	0	3	40	16	183
2031	0	0	0	25	0	25	39	1	0	3	43	18	188
2032	0	0	0	26	0	26	32	1	0	3	36	10	190
2033	0	0	0	28	0	28	39	1	0	4	43	15	194
2034	0	1	6	29	0	36	33	1	0	4	37	2	195
2035	0	0	0	30	0	30	31	1	0	4	36	6	196
2036	0	0	0	32	0	32	34	1	0	5	39	7	197
2037	0	0	0	33	0	33	35	1	0	5	41	8	199
2038	0	0	0	35	0	35	35	1	0	5	41	6	200
2039	0	0	0	36	0	36	34	1	0	6	40	5	201
2040	0	0	0	37	0	37	34	1	0	6	41	4	201
2041	0	0	0	38	0	38	36	1	0	7	43	5	202
2042	0	0	0	40	0	40	39	1	0	7	47	7	203
2043	0	0	0	42	0	42	38	1	0	8	47	5	203
2044	0	1	6	44	0	50	40	1	0	9	49	(1)	203
2045	0	0	0	46	0	46	40	1	0	9	49	4	204
2046	0	0	0	48	0	48	38	1	0	10	49	1	204
2047	0	0	0	50	0	50	40	1	0	10	51	1	204
2048	0	0	0	52	0	52	44	1	0	11	56	3	204
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
NOM.	0	3	22	1,006	0	1,031	1,304	29	0	134	1,466	435	
NPV	0	1	10	290	0	301	469	12	0	24	505	204	

Discount Rate 7.54 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **1.68**

SCHEDULE CT-6

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	36.59	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	48.11363	kW
(3) kW LINE LOSS PERCENTAGE	7.22	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	325,871.96	kWh
(5) kWh LINE LOSS PERCENTAGE	5.76	%
(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	30	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.58642	
(5) K FACTOR FOR T & D	1.55920	

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	7.54	%
*	(11) UTILITY AFUDC RATE	6.50	%
*	(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	2014	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2017-2019	
(4) BASE YEAR AVOIDED GENERATING COST	776.33	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90	$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85	$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	58.35	$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50	%**
(10) TRANSMISSION FIXED O & M COST	3.53	$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34	$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50	%**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.065	CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50	%**
(15) GENERATOR CAPACITY FACTOR	56%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.85	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.65	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2014	1	8	0	8	8	2	99	0	0	99
2015	0	0	0	0	15	5	0	0	0	0
2016	0	0	0	0	15	5	0	0	0	0
2017	0	0	0	0	16	5	0	0	0	0
2018	0	0	0	0	18	5	0	0	0	0
2019	0	0	0	0	19	6	0	0	0	0
2020	0	0	0	0	19	6	0	0	0	0
2021	0	0	0	0	19	6	0	0	0	0
2022	0	0	0	0	20	6	0	0	0	0
2023	0	0	0	0	21	6	0	0	0	0
2024	1	8	0	8	22	6	127	0	0	127
2025	0	0	0	0	22	6	0	0	0	0
2026	0	0	0	0	23	5	0	0	0	0
2027	0	0	0	0	24	5	0	0	0	0
2028	0	0	0	0	24	5	0	0	0	0
2029	0	0	0	0	25	6	0	0	0	0
2030	0	0	0	0	26	6	0	0	0	0
2031	0	0	0	0	27	6	0	0	0	0
2032	0	0	0	0	28	6	0	0	0	0
2033	0	0	0	0	30	6	0	0	0	0
2034	1	8	0	8	32	6	163	0	0	163
2035	0	0	0	0	33	6	0	0	0	0
2036	0	0	0	0	35	6	0	0	0	0
2037	0	0	0	0	37	6	0	0	0	0
2038	0	0	0	0	38	6	0	0	0	0
2039	0	0	0	0	40	6	0	0	0	0
2040	0	0	0	0	41	6	0	0	0	0
2041	0	0	0	0	43	6	0	0	0	0
2042	0	0	0	0	45	6	0	0	0	0
2043	0	0	0	0	47	6	0	0	0	0
2044	1	8	0	9	50	6	208	0	0	208
2045	0	0	0	0	52	6	0	0	0	0
2046	0	0	0	0	55	7	0	0	0	0
2047	0	0	0	0	57	7	0	0	0	0
2048	0	0	0	0	60	7	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
NOM	3	30	0	33	1,084	202	597	0	0	597
NPV	1	14	0	15	301	71	222	0	0	222

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	45	1	0	3	2	1	0	1	0	8	8	8	44
2020	44	1	0	3	1	1	0	1	1	8	7	15	46
2021	41	1	0	3	1	1	0	1	1	7	6	21	47
2022	39	1	0	2	1	1	0	1	1	7	6	27	48
2023	37	1	0	2	1	1	0	1	0	7	5	32	49
2024	35	1	0	2	1	1	0	1	0	7	5	37	50
2025	34	1	0	2	1	1	0	1	0	6	4	41	52
2026	32	1	0	2	1	1	0	1	0	6	4	44	53
2027	30	1	0	2	1	1	0	1	0	6	3	48	54
2028	28	1	0	2	1	1	0	1	0	6	3	51	56
2029	27	1	0	2	1	1	0	1	0	5	3	53	57
2030	25	1	0	2	1	0	0	1	0	5	2	55	58
2031	23	0	0	1	1	0	0	1	0	5	2	58	60
2032	22	0	0	1	1	0	0	1	0	5	2	59	61
2033	20	0	0	1	1	0	0	1	0	4	2	61	63
2034	18	0	0	1	1	0	0	1	0	4	1	62	64
2035	17	0	0	1	0	0	0	1	0	4	1	64	66
2036	15	0	0	1	0	0	0	1	0	4	1	65	68
2037	13	0	0	1	0	0	0	1	0	3	1	66	69
2038	11	0	0	1	0	0	0	1	0	3	1	66	71
2039	10	0	0	1	1	0	0	1	(0)	3	1	67	73
2040	8	0	0	1	1	0	0	1	(1)	3	1	68	75
2041	8	0	0	0	1	0	0	1	(1)	3	1	68	77
2042	7	0	0	0	1	0	0	1	(1)	3	0	69	79
2043	6	0	0	0	1	0	0	1	(1)	2	0	69	80
2044	5	0	0	0	1	0	0	1	(1)	2	0	70	82
2045	4	0	0	0	1	0	0	1	(1)	2	0	70	85
2046	3	0	0	0	1	0	0	1	(1)	2	0	70	87
2047	2	0	0	0	1	0	0	1	(1)	2	0	70	89
2048	1	0	0	0	1	(0)	0	1	(1)	2	0	71	91

IN SERVICE COST	($000)	44
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.5%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	5.14	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58642

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE $(000)	SALVAGE TAX RATE $(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) $(000)	ACCUMULATED DEFERRED TAX $(000)
2019	3.75%	2	2	1	1	1	1	0	2	0	0	0	0	(1)
2020	7.22%	3	5	1	3	1	3	1	2	0	0	0	1	0
2021	6.68%	3	8	1	4	1	4	1	2	0	0	0	1	1
2022	6.18%	3	10	1	6	1	6	1	2	0	0	0	1	1
2023	5.71%	3	13	1	7	1	7	0	2	0	0	0	0	2
2024	5.29%	2	15	1	9	1	8	0	2	0	0	0	0	2
2025	4.89%	2	17	1	10	1	10	0	2	0	0	0	0	2
2026	4.52%	2	19	1	12	1	11	0	2	0	0	0	0	3
2027	4.46%	2	21	1	13	1	13	0	2	0	0	0	0	3
2028	4.46%	2	23	1	15	1	14	0	2	0	0	0	0	3
2029	4.46%	2	25	1	16	1	15	0	2	0	0	0	0	3
2030	4.46%	2	27	1	18	1	17	0	2	0	0	0	0	3
2031	4.46%	2	29	1	19	1	18	0	2	0	0	0	0	4
2032	4.46%	2	31	1	21	1	20	0	2	0	0	0	0	4
2033	4.46%	2	33	1	22	1	21	0	2	0	0	0	0	4
2034	4.46%	2	35	1	24	1	22	0	2	0	0	0	0	4
2035	4.46%	2	37	1	25	1	24	0	2	0	0	0	0	4
2036	4.46%	2	39	1	27	1	25	0	2	0	0	0	0	5
2037	4.46%	2	41	1	28	1	27	0	2	0	0	0	0	5
2038	4.46%	2	43	1	30	1	28	0	2	0	0	0	0	5
2039	2.23%	1	44	1	31	1	30	(0)	2	0	0	0	(0)	5
2040	0.00%	0	44	1	33	1	31	(1)	2	0	0	0	(1)	4
2041	0.00%	0	44	1	34	1	32	(1)	2	0	0	0	(1)	4
2042	0.00%	0	44	1	36	1	34	(1)	2	0	0	0	(1)	3
2043	0.00%	0	44	1	37	1	35	(1)	2	0	0	0	(1)	3
2044	0.00%	0	44	1	39	1	37	(1)	2	0	0	0	(1)	2
2045	0.00%	0	44	1	40	1	38	(1)	2	0	0	0	(1)	2
2046	0.00%	0	44	1	42	1	39	(1)	2	0	0	0	(1)	1
2047	0.00%	0	44	1	43	1	41	(1)	2	0	0	0	(1)	1
2048	0.00%	0	44	1	44	1	42	(1)	2	0	0	0	(1)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(1)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	2
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	2	0	43	1	(1)	45	44	44
2020	7.22%	3	1	42	3	0	44	41	42
2021	6.68%	3	1	40	4	1	41	39	40
2022	6.18%	3	1	39	6	1	39	37	38
2023	5.71%	3	0	37	7	2	37	35	36
2024	5.29%	2	0	36	9	2	35	34	35
2025	4.89%	2	0	34	10	2	34	32	33
2026	4.52%	2	0	33	12	3	32	30	31
2027	4.46%	2	0	31	13	3	30	28	29
2028	4.46%	2	0	30	15	3	28	27	28
2029	4.46%	2	0	28	16	3	27	25	26
2030	4.46%	2	0	27	18	3	25	23	24
2031	4.46%	2	0	25	19	4	23	22	22
2032	4.46%	2	0	24	21	4	22	20	21
2033	4.46%	2	0	22	22	4	20	18	19
2034	4.46%	2	0	21	24	4	18	17	17
2035	4.46%	2	0	19	25	4	17	15	16
2036	4.46%	2	0	18	27	5	15	13	14
2037	4.46%	2	0	16	28	5	13	11	12
2038	4.46%	2	0	15	30	5	11	10	11
2039	2.23%	1	(0)	13	31	5	10	8	9
2040	0.00%	0	(1)	12	33	4	8	8	8
2041	0.00%	0	(1)	10	34	4	8	7	7
2042	0.00%	0	(1)	9	36	3	7	6	6
2043	0.00%	0	(1)	7	37	3	6	5	5
2044	0.00%	0	(1)	6	39	2	5	4	4
2045	0.00%	0	(1)	4	40	2	4	3	3
2046	0.00%	0	(1)	3	42	1	3	2	2
2047	0.00%	0	(1)	1	43	1	2	1	1
2048	0.00%	0	(1)	(0)	44	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)
2014	-5	0.00%	1.000	0.11%	0.83	0.41
2015	-4	3.00%	1.030	0.28%	2.26	1.96
2016	-3	3.00%	1.061	8.69%	71.58	38.88
2017	-2	3.00%	1.093	53.83%	456.61	302.97
2018	-1	3.00%	1.126	37.09%	324.11	693.33
				100.00%	855.39	

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)
2014	-5	0.41	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.86	0.86
2015	-4	1.99	0.04	0.05	0.13	0.16	0.10	0.12	(0.02)	(0.03)	2.39	3.24
2016	-3	39.03	0.76	0.81	2.54	2.70	2.01	2.13	(0.48)	(0.51)	74.12	77.36
2017	-2	305.67	5.95	6.76	19.90	22.60	15.69	17.82	(3.76)	(4.27)	476.51	553.87
2018	-1	715.93	13.99	20.74	46.81	69.41	36.57	54.39	(8.71)	(12.98)	370.93	924.80
				20.74		69.41		54.39		(12.98)		924.80

IN SERVICE YEAR	2019
PLANT COSTS	776.3262845
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	41	41	41
EQUITY AFUDC	2		
DEBT AFUDC	1	1	
CPI			3
TOTAL	44	42	44

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2014	1	1	3.60	7.41	3.63	0.00	1.00	1.00
2015	1	1	4.45	7.58	4.49	0.00	1.00	1.00
2016	1	1	4.92	13.40	4.97	0.00	1.00	1.00
2017	1	1	4.27	9.98	4.30	0.00	1.00	1.00
2018	1	1	5.27	13.10	5.31	0.00	1.00	1.00
2019	1	1	5.38	16.69	5.42	5.05	1.00	1.00
2020	1	1	5.65	16.15	5.69	5.04	1.00	1.00
2021	1	1	5.65	15.04	5.69	5.11	1.00	1.00
2022	1	1	5.60	14.99	5.63	5.07	1.00	1.00
2023	1	1	5.60	15.75	5.63	5.17	1.00	1.00
2024	1	1	5.81	13.56	5.84	5.46	1.00	1.00
2025	1	1	5.98	15.76	6.01	5.61	1.00	1.00
2026	1	1	5.73	13.51	5.76	5.73	1.00	1.00
2027	1	1	6.01	15.25	6.05	6.01	1.00	1.00
2028	1	1	6.07	14.05	6.11	6.10	1.00	1.00
2029	1	1	6.28	12.85	6.32	6.40	1.00	1.00
2030	1	1	6.34	12.83	6.38	6.40	1.00	1.00
2031	1	1	6.57	13.93	6.60	6.72	1.00	1.00
2032	1	1	6.62	10.43	6.65	6.79	1.00	1.00
2033	1	1	6.97	13.98	6.99	7.12	1.00	1.00
2034	1	1	7.05	11.02	7.07	7.32	1.00	1.00
2035	1	1	7.19	10.16	7.21	7.51	1.00	1.00
2036	1	1	7.47	11.48	7.48	7.70	1.00	1.00
2037	1	1	7.68	11.95	7.70	8.03	1.00	1.00
2038	1	1	7.94	11.69	7.96	8.32	1.00	1.00
2039	1	1	8.12	11.20	8.14	8.48	1.00	1.00
2040	1	1	8.35	11.41	8.36	8.85	1.00	1.00
2041	1	1	8.67	12.00	8.68	9.11	1.00	1.00
2042	1	1	8.99	13.22	9.00	9.45	1.00	1.00
2043	1	1	9.27	13.00	9.29	9.80	1.00	1.00
2044	1	1	9.60	13.80	9.62	10.24	1.00	1.00
2045	1	1	9.94	13.55	9.96	10.56	1.00	1.00
2046	1	1	10.25	12.80	10.26	10.91	1.00	1.00
2047	1	1	10.57	13.55	10.59	11.25	1.00	1.00
2048	1	1	11.00	15.19	11.02	11.71	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
	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.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
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	8	3	0	9	12	8
2020	8	3	0	16	20	7
2021	7	3	0	16	21	7
2022	7	3	0	17	20	7
2023	7	4	0	18	21	8
2024	7	4	0	19	22	7
2025	6	4	0	19	22	7
2026	6	4	0	19	22	8
2027	6	4	0	20	22	7
2028	6	4	0	21	23	8
2029	5	4	0	22	24	7
2030	5	4	0	22	24	8
2031	5	4	0	23	25	7
2032	5	4	0	24	26	8
2033	4	4	0	25	27	7
2034	4	5	0	26	28	7
2035	4	5	0	27	28	8
2036	4	5	0	28	29	8
2037	3	5	0	29	30	7
2038	3	5	0	30	32	7
2039	3	5	0	31	32	8
2040	3	5	0	32	34	7
2041	3	5	0	33	34	7
2042	3	6	0	35	36	8
2043	2	6	1	36	37	8
2044	2	6	1	38	39	7
2045	2	6	1	39	40	8
2046	2	6	1	40	41	8
2047	2	6	1	42	43	8
2048	2	7	1	43	44	8
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	133	139	12	799	858	226
NPV	49	36	3	192	213	66

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2014	0	0	0	0	0	0	13	0
2015	1	0	1	0	0	0	27	0
2016	1	0	1	0	0	0	49	0
2017	1	0	1	0	0	0	36	0
2018	1	0	1	0	0	0	48	0
2019	1	0	1	0	0	0	62	0
2020	1	0	1	0	0	0	60	0
2021	1	0	1	0	0	0	55	0
2022	1	0	1	0	0	0	55	0
2023	1	0	1	0	0	0	58	0
2024	1	0	1	0	0	0	49	0
2025	1	0	1	0	0	0	58	0
2026	1	0	1	0	0	0	49	0
2027	1	0	1	0	0	0	56	0
2028	1	0	1	0	0	0	51	0
2029	1	0	1	0	0	0	46	0
2030	1	0	1	0	0	0	46	0
2031	1	0	1	0	0	0	50	0
2032	1	0	1	0	0	0	37	0
2033	1	0	1	0	0	0	50	0
2034	1	0	1	0	0	0	39	0
2035	1	0	1	0	0	0	35	0
2036	1	0	1	0	0	0	40	0
2037	1	0	1	0	0	0	42	0
2038	0	0	1	0	0	0	41	0
2039	0	0	1	0	0	0	39	0
2040	0	0	1	0	0	0	39	0
2041	0	0	1	0	0	0	41	0
2042	0	0	1	0	0	0	46	0
2043	0	0	1	0	0	0	45	0
2044	0	0	1	0	0	0	48	0
2045	0	0	1	0	0	0	47	0
2046	0	0	1	0	0	0	43	0
2047	0	0	1	0	0	0	46	0
2048	0	0	1	0	0	0	52	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	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.	23	9	32	3	5	7	1,599	0
NPV	10	3	13	1	1	3	592	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT $(000)	(3) REPLACEMENT EMISSION COST $(000)	(4) PROGRAM EMISSION BENEFIT $(000)	(5) OFF-PEAK EMISSION PAYBACK COST $(000)	(6) NET EMISSION BENEFIT $(000)
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	2	2	2	0	1
2023	2	3	2	0	2
2024	3	3	3	0	2
2025	3	4	3	0	2
2026	3	4	3	0	2
2027	3	4	4	0	3
2028	3	5	4	0	3
2029	4	5	4	0	3
2030	4	6	5	0	4
2031	5	6	5	0	4
2032	5	7	6	0	4
2033	6	7	6	0	5
2034	6	8	7	0	5
2035	7	9	8	0	6
2036	7	10	8	0	6
2037	8	10	9	0	6
2038	9	11	10	0	7
2039	9	12	10	0	8
2040	10	13	11	0	8
2041	11	14	12	0	9
2042	12	15	13	0	10
2043	12	16	14	0	10
2044	13	18	15	0	11
2045	14	19	16	0	12
2046	15	20	17	0	13
2047	16	21	18	0	13
2048	17	23	20	0	14
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	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	210	275	238	0	172
NPV	38	49	43	0	31

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	1	99	0	100	0	0	13	0	13	(86)	(86)
2015	0	0	0	0	0	0	2	27	0	29	29	(60)
2016	0	0	0	0	0	0	2	49	0	51	51	(16)
2017	0	0	0	0	0	0	2	36	0	38	38	15
2018	0	0	0	0	0	0	2	48	0	49	49	52
2019	0	0	0	0	0	8	1	62	0	72	72	102
2020	0	0	0	0	0	7	1	60	0	68	68	146
2021	0	0	0	0	0	7	1	55	0	64	64	184
2022	0	0	0	0	0	7	1	55	1	65	65	221
2023	0	0	0	0	0	8	1	58	2	69	69	256
2024	0	1	127	0	128	7	1	49	2	60	(68)	224
2025	0	0	0	0	0	7	1	58	2	69	69	255
2026	0	0	0	0	0	8	1	49	2	61	61	280
2027	0	0	0	0	0	7	1	56	3	67	67	306
2028	0	0	0	0	0	8	1	51	3	63	63	329
2029	0	0	0	0	0	7	1	46	3	58	58	348
2030	0	0	0	0	0	8	1	46	4	58	58	367
2031	0	0	0	0	0	7	1	50	4	63	63	385
2032	0	0	0	0	0	8	1	37	4	49	49	398
2033	0	0	0	0	0	7	1	50	5	63	63	414
2034	0	1	163	0	163	7	1	39	5	52	(111)	388
2035	0	0	0	0	0	8	1	35	6	49	49	399
2036	0	0	0	0	0	8	1	40	6	55	55	410
2037	0	0	0	0	0	7	1	42	6	57	57	421
2038	0	0	0	0	0	7	1	41	7	56	56	430
2039	0	0	0	0	0	8	1	39	8	55	55	439
2040	0	0	0	0	0	7	1	39	8	56	56	448
2041	0	0	0	0	0	7	1	41	9	59	59	456
2042	0	0	0	0	0	8	1	46	10	64	64	464
2043	0	0	0	0	0	8	1	45	10	64	64	472
2044	0	1	208	0	209	7	1	48	11	67	(142)	456
2045	0	0	0	0	0	8	1	47	12	67	67	463
2046	0	0	0	0	0	8	1	43	13	65	65	469
2047	0	0	0	0	0	8	1	46	13	68	68	475
2048	0	0	0	0	0	8	1	52	14	75	75	482
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
NOM	0	3	597	0	600	226	40	1,599	172	2,037	1,436	
NPV	0	1	222	0	223	66	16	592	31	705	482	

Discount Rate: 7.54 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **3.16**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	12	0	8	0	20	99	0	0	99	(80)	(80)
2015	23	0	0	0	23	0	0	0	0	23	(58)
2016	23	0	0	0	23	0	0	0	0	23	(38)
2017	24	0	0	0	24	0	0	0	0	24	(18)
2018	26	0	0	0	26	0	0	0	0	26	1
2019	28	0	0	0	28	0	0	0	0	28	21
2020	29	0	0	0	29	0	0	0	0	29	40
2021	29	0	0	0	29	0	0	0	0	29	57
2022	30	0	0	0	30	0	0	0	0	30	74
2023	32	0	0	0	32	0	0	0	0	32	91
2024	32	0	8	0	40	127	0	0	127	(87)	48
2025	33	0	0	0	33	0	0	0	0	33	63
2026	33	0	0	0	33	0	0	0	0	33	77
2027	34	0	0	0	34	0	0	0	0	34	90
2028	35	0	0	0	35	0	0	0	0	35	103
2029	36	0	0	0	36	0	0	0	0	36	115
2030	37	0	0	0	37	0	0	0	0	37	126
2031	38	0	0	0	38	0	0	0	0	38	137
2032	39	0	0	0	39	0	0	0	0	39	148
2033	42	0	0	0	42	0	0	0	0	42	159
2034	44	0	8	0	51	163	0	0	163	(111)	133
2035	45	0	0	0	45	0	0	0	0	45	143
2036	48	0	0	0	48	0	0	0	0	48	152
2037	50	0	0	0	50	0	0	0	0	50	162
2038	52	0	0	0	52	0	0	0	0	52	171
2039	54	0	0	0	54	0	0	0	0	54	180
2040	55	0	0	0	55	0	0	0	0	55	188
2041	58	0	0	0	58	0	0	0	0	58	196
2042	60	0	0	0	60	0	0	0	0	60	204
2043	63	0	0	0	63	0	0	0	0	63	212
2044	66	0	8	0	74	208	0	0	208	(135)	196
2045	69	0	0	0	69	0	0	0	0	69	204
2046	72	0	0	0	72	0	0	0	0	72	211
2047	75	0	0	0	75	0	0	0	0	75	218
2048	79	0	0	0	79	0	0	0	0	79	224
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	1,508	0	30	0	1,538	597	0	0	597	941	
NPV	433	0	14	0	447	222	0	0	222	224	

In Service of Gen Unit: 2019
Discount Rate : 7.54 %
Benefit/Cost Ratio (Col(6) / Col(10)) **2.01**

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	1	8	10	0	19	13	0	0	0	13	(5)	(5)
2015	0	0	0	20	0	20	27	2	0	0	29	9	3
2016	0	0	0	20	0	20	49	2	0	0	51	31	29
2017	0	0	0	21	0	21	36	2	0	0	38	17	43
2018	0	0	0	23	0	23	48	2	0	0	49	27	63
2019	0	0	0	25	0	25	70	1	0	0	72	47	96
2020	0	0	0	25	0	25	67	1	0	0	68	43	124
2021	0	0	0	25	0	25	62	1	0	0	64	38	147
2022	0	0	0	26	0	26	63	1	0	1	65	39	169
2023	0	0	0	27	0	27	66	1	0	2	69	42	190
2024	0	1	8	28	0	36	57	1	0	2	60	24	202
2025	0	0	0	28	0	28	65	1	0	2	69	41	220
2026	0	0	0	29	0	29	57	1	0	2	61	32	234
2027	0	0	0	29	0	29	63	1	0	3	67	38	249
2028	0	0	0	30	0	30	59	1	0	3	63	33	261
2029	0	0	0	31	0	31	54	1	0	3	58	27	270
2030	0	0	0	31	0	31	54	1	0	4	58	27	278
2031	0	0	0	32	0	32	58	1	0	4	63	30	287
2032	0	0	0	34	0	34	44	1	0	4	49	16	291
2033	0	0	0	36	0	36	58	1	0	5	63	27	298
2034	0	1	8	37	0	46	46	1	0	5	52	6	300
2035	0	0	0	39	0	39	43	1	0	6	49	10	302
2036	0	0	0	41	0	41	48	1	0	6	55	13	305
2037	0	0	0	43	0	43	49	1	0	6	57	14	307
2038	0	0	0	44	0	44	48	1	0	7	56	12	309
2039	0	0	0	46	0	46	46	1	0	8	55	9	311
2040	0	0	0	47	0	47	47	1	0	8	56	9	312
2041	0	0	0	49	0	49	49	1	0	9	59	10	314
2042	0	0	0	51	0	51	54	1	0	10	64	13	315
2043	0	0	0	54	0	54	52	1	0	10	64	10	316
2044	0	1	8	56	0	65	55	1	0	11	67	2	317
2045	0	0	0	58	0	58	54	1	0	12	67	8	318
2046	0	0	0	61	0	61	51	1	0	13	65	4	318
2047	0	0	0	64	0	64	54	1	0	13	68	4	318
2048	0	0	0	67	0	67	60	1	0	14	75	9	319
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
NOM.	0	3	30	1,286	0	1,319	1,825	40	0	172	2,037	717	
NPV	0	1	14	371	0	386	658	16	0	31	705	319	

Discount Rate 7.54 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **1.83**

SCHEDULE CT-6

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	158.37	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	208.24563	kW
(3) kW LINE LOSS PERCENTAGE	7.22	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	1,410,700.32	kWh
(5) kWh LINE LOSS PERCENTAGE	5.76	%
(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	30	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.58642	
(5) K FACTOR FOR T & D	1.55920	

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	7.54	%
*	(11) UTILITY AFUDC RATE	6.50	%
*	(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	2014	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2017-2019	
(4) BASE YEAR AVOIDED GENERATING COST	776.33	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90	$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85	$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	58.35	$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50	%**
(10) TRANSMISSION FIXED O & M COST	3.53	$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34	$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50	%**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.065	CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50	%**
(15) GENERATOR CAPACITY FACTOR	56%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.85	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.65	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2014	1	33	0	34	31	14	419	0	0	419
2015	0	0	0	0	57	28	0	0	0	0
2016	0	0	0	0	58	28	0	0	0	0
2017	0	0	0	0	60	29	0	0	0	0
2018	0	0	0	0	67	30	0	0	0	0
2019	0	0	0	0	73	31	0	0	0	0
2020	0	0	0	0	74	32	0	0	0	0
2021	0	0	0	0	75	34	0	0	0	0
2022	0	0	0	0	77	36	0	0	0	0
2023	0	0	0	0	81	34	0	0	0	0
2024	1	33	0	34	83	35	536	0	0	536
2025	0	0	0	0	85	34	0	0	0	0
2026	0	0	0	0	88	33	0	0	0	0
2027	0	0	0	0	91	33	0	0	0	0
2028	0	0	0	0	94	33	0	0	0	0
2029	0	0	0	0	97	34	0	0	0	0
2030	0	0	0	0	100	34	0	0	0	0
2031	0	0	0	0	103	34	0	0	0	0
2032	0	0	0	0	109	35	0	0	0	0
2033	0	0	0	0	119	35	0	0	0	0
2034	2	33	0	34	124	36	686	0	0	686
2035	0	0	0	0	129	36	0	0	0	0
2036	0	0	0	0	139	37	0	0	0	0
2037	0	0	0	0	145	37	0	0	0	0
2038	0	0	0	0	151	37	0	0	0	0
2039	0	0	0	0	158	38	0	0	0	0
2040	0	0	0	0	164	38	0	0	0	0
2041	0	0	0	0	171	38	0	0	0	0
2042	0	0	0	0	179	38	0	0	0	0
2043	0	0	0	0	191	39	0	0	0	0
2044	2	33	0	35	201	39	878	0	0	878
2045	0	0	0	0	211	39	0	0	0	0
2046	0	0	0	0	222	40	0	0	0	0
2047	0	0	0	0	233	40	0	0	0	0
2048	0	0	0	0	245	40	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	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	6	130	0	137	4,288	1,209	2,518	0	0	2,518
NPV	2	60	0	62	1,169	415	937	0	0	937

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	195	4	0	12	7	3	0	6	0	34	34	34	193
2020	188	4	0	12	5	3	0	6	3	33	31	65	197
2021	179	4	0	11	5	3	0	6	3	32	28	92	202
2022	170	4	0	11	5	3	0	6	2	31	25	117	207
2023	162	3	0	10	5	3	0	6	2	29	22	139	213
2024	153	3	0	10	5	3	0	6	2	28	20	159	218
2025	145	3	0	9	5	3	0	6	1	27	18	177	223
2026	138	3	0	9	5	3	0	6	1	26	16	192	229
2027	130	3	0	8	4	2	0	6	1	25	14	206	235
2028	123	3	0	8	4	2	0	6	1	24	13	219	241
2029	116	2	0	7	4	2	0	6	1	23	11	230	247
2030	108	2	0	7	4	2	0	6	1	22	10	240	253
2031	101	2	0	6	3	2	0	6	1	21	9	249	259
2032	94	2	0	6	3	2	0	6	1	20	8	257	265
2033	86	2	0	5	3	2	0	6	1	19	7	264	272
2034	79	2	0	5	2	2	0	6	1	18	6	270	279
2035	72	1	0	4	2	2	0	6	1	17	5	275	286
2036	64	1	0	4	2	1	0	6	1	16	5	280	293
2037	57	1	0	4	2	1	0	6	1	15	4	284	300
2038	50	1	0	3	1	1	0	6	1	14	4	287	308
2039	42	1	0	3	3	1	0	6	(1)	13	3	291	316
2040	37	1	0	2	4	1	0	6	(2)	12	3	293	323
2041	33	1	0	2	4	1	0	6	(2)	12	2	296	332
2042	29	1	0	2	4	1	0	6	(2)	11	2	298	340
2043	24	1	0	2	4	1	0	6	(2)	10	2	299	348
2044	20	0	0	1	3	0	0	6	(2)	10	2	301	357
2045	16	0	0	1	3	0	0	6	(2)	9	1	302	366
2046	12	0	0	1	3	0	0	6	(2)	9	1	304	375
2047	8	0	0	1	3	0	0	6	(2)	8	1	305	384
2048	4	0	0	0	3	0	0	6	(2)	7	1	306	394

IN SERVICE COST	($000)	193
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.5%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	5.14	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58642

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE $(000)	SALVAGE TAX RATE $(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) $(000)	ACCUMULATED DEFERRED TAX $(000)
2019	3.75%	7	7	6	6	6	6	0	10	0	0	0	0	(2)
2020	7.22%	14	21	6	13	6	12	3	10	0	0	0	3	1
2021	6.68%	13	33	6	19	6	18	3	10	0	0	0	3	3
2022	6.18%	12	45	6	26	6	24	2	10	0	0	0	2	5
2023	5.71%	11	56	6	32	6	30	2	10	0	0	0	2	7
2024	5.29%	10	66	6	39	6	36	2	10	0	0	0	2	9
2025	4.89%	9	75	6	45	6	43	1	10	0	0	0	1	10
2026	4.52%	9	84	6	51	6	49	1	10	0	0	0	1	11
2027	4.46%	8	92	6	58	6	55	1	10	0	0	0	1	12
2028	4.46%	8	101	6	64	6	61	1	10	0	0	0	1	13
2029	4.46%	8	109	6	71	6	67	1	10	0	0	0	1	14
2030	4.46%	8	118	6	77	6	73	1	10	0	0	0	1	15
2031	4.46%	8	126	6	83	6	79	1	10	0	0	0	1	15
2032	4.46%	8	135	6	90	6	85	1	10	0	0	0	1	16
2033	4.46%	8	143	6	96	6	91	1	10	0	0	0	1	17
2034	4.46%	8	151	6	103	6	97	1	10	0	0	0	1	18
2035	4.46%	8	160	6	109	6	103	1	10	0	0	0	1	19
2036	4.46%	8	168	6	116	6	109	1	10	0	0	0	1	20
2037	4.46%	8	177	6	122	6	116	1	10	0	0	0	1	21
2038	4.46%	8	185	6	128	6	122	1	10	0	0	0	1	22
2039	2.23%	4	189	6	135	6	128	(1)	10	0	0	0	(1)	21
2040	0.00%	0	189	6	141	6	134	(2)	10	0	0	0	(2)	19
2041	0.00%	0	189	6	148	6	140	(2)	10	0	0	0	(2)	16
2042	0.00%	0	189	6	154	6	146	(2)	10	0	0	0	(2)	14
2043	0.00%	0	189	6	160	6	152	(2)	10	0	0	0	(2)	12
2044	0.00%	0	189	6	167	6	158	(2)	10	0	0	0	(2)	9
2045	0.00%	0	189	6	173	6	164	(2)	10	0	0	0	(2)	7
2046	0.00%	0	189	6	180	6	170	(2)	10	0	0	0	(2)	5
2047	0.00%	0	189	6	186	6	176	(2)	10	0	0	0	(2)	2
2048	0.00%	0	189	6	193	6	182	(2)	10	0	0	0	(2)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(3)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	10
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	7	0	186	6	(2)	195	188	192
2020	7.22%	14	3	180	13	1	188	179	184
2021	6.68%	13	3	173	19	3	179	170	175
2022	6.18%	12	2	167	26	5	170	162	166
2023	5.71%	11	2	160	32	7	162	153	157
2024	5.29%	10	2	154	39	9	153	145	149
2025	4.89%	9	1	148	45	10	145	138	142
2026	4.52%	9	1	141	51	11	138	130	134
2027	4.46%	8	1	135	58	12	130	123	127
2028	4.46%	8	1	128	64	13	123	116	119
2029	4.46%	8	1	122	71	14	116	108	112
2030	4.46%	8	1	116	77	15	108	101	105
2031	4.46%	8	1	109	83	15	101	94	97
2032	4.46%	8	1	103	90	16	94	86	90
2033	4.46%	8	1	96	96	17	86	79	83
2034	4.46%	8	1	90	103	18	79	72	75
2035	4.46%	8	1	83	109	19	72	64	68
2036	4.46%	8	1	77	116	20	64	57	61
2037	4.46%	8	1	71	122	21	57	50	53
2038	4.46%	8	1	64	128	22	50	42	46
2039	2.23%	4	(1)	58	135	21	42	37	40
2040	0.00%	0	(2)	51	141	19	37	33	35
2041	0.00%	0	(2)	45	148	16	33	29	31
2042	0.00%	0	(2)	39	154	14	29	24	26
2043	0.00%	0	(2)	32	160	12	24	20	22
2044	0.00%	0	(2)	26	167	9	20	16	18
2045	0.00%	0	(2)	19	173	7	16	12	14
2046	0.00%	0	(2)	13	180	5	12	8	10
2047	0.00%	0	(2)	6	186	2	8	4	6
2048	0.00%	0	(2)	0	193	0	4	0	2

*** Column not specified in workbook**

(1) YEAR	(2) NO.YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING ($/kW)	(7) CUMULATIVE AVERAGE SPENDING ($/kW)
2014	-5	0.00%	1.000	0.11%	0.83	0.41
2015	-4	3.00%	1.030	0.28%	2.26	1.96
2016	-3	3.00%	1.061	8.69%	71.58	38.88
2017	-2	3.00%	1.093	53.83%	456.61	302.97
2018	-1	3.00%	1.126	37.09%	324.11	693.33
				100.00%	855.39	

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)
2014	-5	0.41	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.86	0.86
2015	-4	1.99	0.04	0.05	0.13	0.16	0.10	0.12	(0.02)	(0.03)	2.39	3.24
2016	-3	39.03	0.76	0.81	2.54	2.70	2.01	2.13	(0.48)	(0.51)	74.12	77.36
2017	-2	305.67	5.95	6.76	19.90	22.60	15.69	17.82	(3.76)	(4.27)	476.51	553.87
2018	-1	715.93	13.99	20.74	46.81	69.41	36.57	54.39	(8.71)	(12.98)	370.93	924.80
				20.74		69.41		54.39		(12.98)		924.80

IN SERVICE YEAR	2019
PLANT COSTS	776.3262845
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	178	178	178
EQUITY AFUDC	10		
DEBT AFUDC	4	4	
CPI			11
TOTAL	193	182	189

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2014	1	1	3.60	7.12	3.60	0.00	1.00	1.00
2015	1	1	4.45	8.42	4.45	0.00	1.00	1.00
2016	1	1	4.92	12.24	4.92	0.00	1.00	1.00
2017	1	1	4.27	10.29	4.27	0.00	1.00	1.00
2018	1	1	5.27	11.75	5.27	0.00	1.00	1.00
2019	1	1	5.38	16.61	5.38	5.05	1.00	1.00
2020	1	1	5.65	19.65	5.65	5.04	1.00	1.00
2021	1	1	5.65	18.15	5.65	5.11	1.00	1.00
2022	1	1	5.60	15.84	5.60	5.07	1.00	1.00
2023	1	1	5.60	14.15	5.60	5.17	1.00	1.00
2024	1	1	5.81	14.12	5.81	5.46	1.00	1.00
2025	1	1	5.98	17.69	5.98	5.61	1.00	1.00
2026	1	1	5.73	19.09	5.73	5.73	1.00	1.00
2027	1	1	6.01	16.85	6.01	6.01	1.00	1.00
2028	1	1	6.07	17.17	6.07	6.10	1.00	1.00
2029	1	1	6.28	13.07	6.28	6.40	1.00	1.00
2030	1	1	6.34	14.76	6.34	6.40	1.00	1.00
2031	1	1	6.57	17.01	6.57	6.72	1.00	1.00
2032	1	1	6.62	15.42	6.62	6.79	1.00	1.00
2033	1	1	6.97	16.02	6.97	7.12	1.00	1.00
2034	1	1	7.05	13.20	7.05	7.32	1.00	1.00
2035	1	1	7.19	11.99	7.19	7.51	1.00	1.00
2036	1	1	7.47	17.33	7.47	7.70	1.00	1.00
2037	1	1	7.68	17.92	7.68	8.03	1.00	1.00
2038	1	1	7.94	16.32	7.94	8.32	1.00	1.00
2039	1	1	8.12	13.64	8.12	8.48	1.00	1.00
2040	1	1	8.35	14.31	8.35	8.85	1.00	1.00
2041	1	1	8.67	15.52	8.67	9.11	1.00	1.00
2042	1	1	8.99	18.22	8.99	9.45	1.00	1.00
2043	1	1	9.27	16.85	9.27	9.80	1.00	1.00
2044	1	1	9.60	18.50	9.60	10.24	1.00	1.00
2045	1	1	9.94	16.83	9.94	10.56	1.00	1.00
2046	1	1	10.25	13.72	10.25	10.91	1.00	1.00
2047	1	1	10.57	14.20	10.57	11.25	1.00	1.00
2048	1	1	11.00	18.99	11.00	11.71	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
	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.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
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	34	14	1	39	51	36
2020	33	14	1	70	88	31
2021	32	14	1	71	89	30
2022	31	15	1	74	88	32
2023	29	15	1	77	90	33
2024	28	16	1	81	95	32
2025	27	16	1	84	96	32
2026	26	16	1	83	94	33
2027	25	17	1	86	97	32
2028	24	17	1	90	99	34
2029	23	18	2	93	103	32
2030	22	18	2	95	104	33
2031	21	18	2	99	109	32
2032	20	19	2	103	111	33
2033	19	19	2	108	117	32
2034	18	20	2	112	120	32
2035	17	20	2	116	123	33
2036	16	21	2	120	127	33
2037	15	21	2	125	132	32
2038	14	22	2	130	136	32
2039	13	23	2	135	139	33
2040	12	23	2	140	145	32
2041	12	24	2	144	149	32
2042	11	24	2	151	155	33
2043	10	25	2	156	161	33
2044	10	25	2	162	168	32
2045	9	26	2	168	173	33
2046	9	27	2	175	179	33
2047	8	27	2	180	184	33
2048	7	28	2	188	192	34
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	578	604	52	3,456	3,713	978
NPV	212	156	13	829	924	287

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2014	0	0	0	0	0	0	55	0
2015	5	1	6	1	0	1	130	0
2016	5	1	6	1	0	1	194	0
2017	5	1	6	1	0	1	163	0
2018	5	1	6	1	0	1	184	0
2019	5	1	5	1	0	1	267	0
2020	4	1	5	1	0	1	318	0
2021	4	1	5	1	0	1	292	0
2022	4	1	5	1	0	1	253	0
2023	4	1	5	1	0	1	224	0
2024	4	1	5	1	0	1	223	0
2025	4	1	5	0	0	1	283	0
2026	3	1	4	0	0	1	308	0
2027	3	1	4	0	1	1	269	0
2028	3	1	4	0	1	1	274	0
2029	3	1	4	0	1	1	204	0
2030	3	1	4	0	1	1	233	0
2031	3	1	4	0	1	1	270	0
2032	3	1	4	0	1	1	243	0
2033	3	1	4	0	1	1	252	0
2034	2	1	4	0	1	1	204	0
2035	2	1	4	0	1	1	183	0
2036	2	1	4	0	1	1	273	0
2037	2	1	3	0	1	1	282	0
2038	2	1	3	0	1	1	254	0
2039	2	1	3	0	1	1	208	0
2040	2	1	3	0	1	1	219	0
2041	2	1	3	0	1	1	239	0
2042	2	1	3	0	1	1	284	0
2043	2	2	3	0	1	1	260	0
2044	2	2	3	0	1	1	287	0
2045	2	2	3	0	1	1	257	0
2046	2	2	3	0	1	1	204	0
2047	1	2	3	0	1	1	211	0
2048	1	2	3	0	1	1	291	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
NOM.	100	40	140	12	20	32	8,296	0
NPV	45	12	57	6	6	12	2,887	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

	(2)	(3)	(4)	(5)	(6)
YEAR	AVOIDED GEN UNIT EMISSION BENEFIT $(000)	REPLACEMENT EMISSION COST $(000)	PROGRAM EMISSION BENEFIT $(000)	OFF-PEAK EMISSION PAYBACK COST $(000)	NET EMISSION BENEFIT $(000)
2014	0	0	1	0	1
2015	0	0	1	0	1
2016	0	0	1	0	1
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	7	9	8	0	5
2023	10	13	11	0	8
2024	11	15	12	0	9
2025	12	16	13	0	10
2026	13	17	15	0	11
2027	14	18	16	0	12
2028	15	20	17	0	13
2029	17	22	19	0	14
2030	18	24	21	0	15
2031	20	27	23	0	17
2032	22	29	25	0	19
2033	25	32	28	0	20
2034	27	35	30	0	22
2035	29	38	33	0	24
2036	32	41	36	0	26
2037	34	45	39	0	28
2038	37	49	42	0	30
2039	40	52	45	0	33
2040	43	57	49	0	35
2041	47	61	53	0	38
2042	50	66	57	0	41
2043	54	71	61	0	44
2044	58	76	66	0	48
2045	62	81	70	0	51
2046	66	87	75	0	54
2047	71	93	80	0	58
2048	75	99	85	0	62
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	910	1,192	1,033	0	751
NPV	163	213	187	0	137

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	1	419	0	420	0	0	55	1	56	(363)	(363)
2015	0	0	0	0	0	0	7	130	1	138	138	(235)
2016	0	0	0	0	0	0	7	194	1	201	201	(61)
2017	0	0	0	0	0	0	7	163	0	169	169	76
2018	0	0	0	0	0	0	7	184	0	191	191	219
2019	0	0	0	0	0	36	6	267	0	310	310	434
2020	0	0	0	0	0	31	6	318	0	355	355	664
2021	0	0	0	0	0	30	6	292	0	329	329	862
2022	0	0	0	0	0	32	6	253	5	297	297	1,027
2023	0	0	0	0	0	33	6	224	8	271	271	1,168
2024	0	1	536	0	537	32	6	223	9	269	(268)	1,039
2025	0	0	0	0	0	32	5	283	10	331	331	1,188
2026	0	0	0	0	0	33	5	308	11	357	357	1,337
2027	0	0	0	0	0	32	5	269	12	318	318	1,461
2028	0	0	0	0	0	34	5	274	13	326	326	1,579
2029	0	0	0	0	0	32	5	204	14	256	256	1,665
2030	0	0	0	0	0	33	5	233	15	286	286	1,754
2031	0	0	0	0	0	32	5	270	17	324	324	1,848
2032	0	0	0	0	0	33	5	243	19	299	299	1,929
2033	0	0	0	0	0	32	5	252	20	309	309	2,007
2034	0	2	686	0	687	32	5	204	22	263	(425)	1,907
2035	0	0	0	0	0	33	4	183	24	244	244	1,960
2036	0	0	0	0	0	33	4	273	26	336	336	2,028
2037	0	0	0	0	0	32	4	282	28	347	347	2,094
2038	0	0	0	0	0	32	4	254	30	321	321	2,150
2039	0	0	0	0	0	33	4	208	33	279	279	2,195
2040	0	0	0	0	0	32	4	219	35	291	291	2,239
2041	0	0	0	0	0	32	4	239	38	314	314	2,283
2042	0	0	0	0	0	33	4	284	41	362	362	2,331
2043	0	0	0	0	0	33	4	260	44	341	341	2,372
2044	0	2	878	0	880	32	4	287	48	370	(510)	2,314
2045	0	0	0	0	0	33	4	257	51	345	345	2,351
2046	0	0	0	0	0	33	4	204	54	295	295	2,380
2047	0	0	0	0	0	33	4	211	58	306	306	2,407
2048	0	0	0	0	0	34	4	291	62	390	390	2,440
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	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	6	2,518	0	2,524	978	172	8,296	751	10,196	7,672	
NPV	0	2	937	0	940	287	69	2,887	137	3,380	2,440	

Discount Rate: 7.54 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **3.60**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	51	0	33	0	84	419	0	0	419	(335)	(335)
2015	96	0	0	0	96	0	0	0	0	96	(245)
2016	99	0	0	0	99	0	0	0	0	99	(160)
2017	102	0	0	0	102	0	0	0	0	102	(78)
2018	111	0	0	0	111	0	0	0	0	111	4
2019	120	0	0	0	120	0	0	0	0	120	88
2020	122	0	0	0	122	0	0	0	0	122	166
2021	124	0	0	0	124	0	0	0	0	124	241
2022	128	0	0	0	128	0	0	0	0	128	312
2023	132	0	0	0	132	0	0	0	0	132	381
2024	135	0	33	0	168	536	0	0	536	(368)	203
2025	137	0	0	0	137	0	0	0	0	137	265
2026	140	0	0	0	140	0	0	0	0	140	323
2027	143	0	0	0	143	0	0	0	0	143	379
2028	147	0	0	0	147	0	0	0	0	147	432
2029	150	0	0	0	150	0	0	0	0	150	482
2030	154	0	0	0	154	0	0	0	0	154	531
2031	158	0	0	0	158	0	0	0	0	158	577
2032	166	0	0	0	166	0	0	0	0	166	622
2033	179	0	0	0	179	0	0	0	0	179	667
2034	185	0	33	0	218	686	0	0	686	(468)	557
2035	192	0	0	0	192	0	0	0	0	192	599
2036	204	0	0	0	204	0	0	0	0	204	640
2037	212	0	0	0	212	0	0	0	0	212	680
2038	220	0	0	0	220	0	0	0	0	220	718
2039	228	0	0	0	228	0	0	0	0	228	755
2040	235	0	0	0	235	0	0	0	0	235	791
2041	244	0	0	0	244	0	0	0	0	244	825
2042	254	0	0	0	254	0	0	0	0	254	859
2043	269	0	0	0	269	0	0	0	0	269	891
2044	281	0	33	0	314	878	0	0	878	(564)	828
2045	294	0	0	0	294	0	0	0	0	294	858
2046	307	0	0	0	307	0	0	0	0	307	888
2047	321	0	0	0	321	0	0	0	0	321	918
2048	336	0	0	0	336	0	0	0	0	336	946
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	6,376	0	130	0	6,506	2,518	0	0	2,518	3,988	
NPV	1,824	0	60	0	1,883	937	0	0	937	946	

In Service of Gen Unit: 2019
Discount Rate : 7.54 %
Benefit/Cost Ratio (Col(6) / Col(10)) **2.01**

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	1	33	45	0	78	55	0	0	1	56	(22)	(22)
2015	0	0	0	85	0	85	130	7	0	1	138	53	28
2016	0	0	0	87	0	87	194	7	0	1	201	115	127
2017	0	0	0	89	0	89	163	7	0	0	169	80	191
2018	0	0	0	97	0	97	184	7	0	0	191	95	262
2019	0	0	0	105	0	105	303	6	0	0	310	205	405
2020	0	0	0	106	0	106	349	6	0	0	355	249	566
2021	0	0	0	109	0	109	322	6	0	0	329	220	698
2022	0	0	0	113	0	113	285	6	0	5	297	184	801
2023	0	0	0	116	0	116	257	6	0	8	271	155	882
2024	0	1	33	118	0	152	255	6	0	9	269	118	939
2025	0	0	0	119	0	119	315	5	0	10	331	211	1,034
2026	0	0	0	122	0	122	341	5	0	11	357	235	1,132
2027	0	0	0	124	0	124	301	5	0	12	318	194	1,207
2028	0	0	0	127	0	127	309	5	0	13	326	199	1,279
2029	0	0	0	131	0	131	236	5	0	14	256	125	1,322
2030	0	0	0	134	0	134	266	5	0	15	286	152	1,369
2031	0	0	0	137	0	137	302	5	0	17	324	186	1,423
2032	0	0	0	144	0	144	276	5	0	19	299	155	1,465
2033	0	0	0	154	0	154	284	5	0	20	309	154	1,504
2034	0	2	33	160	0	194	236	5	0	22	263	68	1,520
2035	0	0	0	165	0	165	216	4	0	24	244	79	1,537
2036	0	0	0	176	0	176	306	4	0	26	336	160	1,570
2037	0	0	0	182	0	182	314	4	0	28	347	165	1,601
2038	0	0	0	189	0	189	286	4	0	30	321	132	1,624
2039	0	0	0	196	0	196	242	4	0	33	279	83	1,637
2040	0	0	0	202	0	202	251	4	0	35	291	89	1,651
2041	0	0	0	209	0	209	271	4	0	38	314	104	1,666
2042	0	0	0	218	0	218	317	4	0	41	362	145	1,684
2043	0	0	0	230	0	230	292	4	0	44	341	111	1,698
2044	0	2	33	240	0	275	319	4	0	48	370	96	1,709
2045	0	0	0	250	0	250	290	4	0	51	345	94	1,719
2046	0	0	0	262	0	262	237	4	0	54	295	34	1,722
2047	0	0	0	273	0	273	244	4	0	58	306	33	1,725
2048	0	0	0	286	0	286	325	4	0	62	390	104	1,734
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	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	6	130	5,497	0	5,634	9,273	172	0	751	10,196	4,562	
NPV	0	2	60	1,584	0	1,646	3,174	69	0	137	3,380	1,734	

Discount Rate 7.54 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **2.05**

SCHEDULE CT-6

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	47.82	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	62.87383	kW
(3) kW LINE LOSS PERCENTAGE	7.22	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	425,915.80	kWh
(5) kWh LINE LOSS PERCENTAGE	5.76	%
(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	30	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.58642	
(5) K FACTOR FOR T & D	1.55920	

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	7.54	%
*	(11) UTILITY AFUDC RATE	6.50	%
*	(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	2014	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2017-2019	
(4) BASE YEAR AVOIDED GENERATING COST	776.33	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90	$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85	$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	58.35	$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50	%**
(10) TRANSMISSION FIXED O & M COST	3.53	$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34	$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50	%**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.065	CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50	%**
(15) GENERATOR CAPACITY FACTOR	56%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.85	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.65	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2014	1	10	0	10	9	4	127	0	0	127
2015	0	0	0	0	16	9	0	0	0	0
2016	0	0	0	0	16	9	0	0	0	0
2017	0	0	0	0	17	9	0	0	0	0
2018	0	0	0	0	19	9	0	0	0	0
2019	0	0	0	0	21	10	0	0	0	0
2020	0	0	0	0	21	10	0	0	0	0
2021	0	0	0	0	21	11	0	0	0	0
2022	0	0	0	0	22	11	0	0	0	0
2023	0	0	0	0	23	11	0	0	0	0
2024	1	10	0	10	23	11	163	0	0	163
2025	0	0	0	0	24	11	0	0	0	0
2026	0	0	0	0	25	10	0	0	0	0
2027	0	0	0	0	26	10	0	0	0	0
2028	0	0	0	0	27	10	0	0	0	0
2029	0	0	0	0	28	10	0	0	0	0
2030	0	0	0	0	29	11	0	0	0	0
2031	0	0	0	0	29	11	0	0	0	0
2032	0	0	0	0	31	11	0	0	0	0
2033	0	0	0	0	34	11	0	0	0	0
2034	1	10	0	11	36	11	208	0	0	208
2035	0	0	0	0	37	11	0	0	0	0
2036	0	0	0	0	40	11	0	0	0	0
2037	0	0	0	0	42	12	0	0	0	0
2038	0	0	0	0	44	12	0	0	0	0
2039	0	0	0	0	46	12	0	0	0	0
2040	0	0	0	0	47	12	0	0	0	0
2041	0	0	0	0	50	12	0	0	0	0
2042	0	0	0	0	52	12	0	0	0	0
2043	0	0	0	0	56	12	0	0	0	0
2044	1	10	0	11	59	12	266	0	0	266
2045	0	0	0	0	62	12	0	0	0	0
2046	0	0	0	0	65	12	0	0	0	0
2047	0	0	0	0	68	13	0	0	0	0
2048	0	0	0	0	72	13	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
NOM	3	39	0	42	1,235	378	764	0	0	764
NPV	1	18	0	19	333	130	284	0	0	284

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	59	1	0	4	2	1	0	2	0	10	10	10	58
2020	57	1	0	4	1	1	0	2	1	10	9	20	60
2021	54	1	0	3	1	1	0	2	1	10	8	28	61
2022	51	1	0	3	1	1	0	2	1	9	7	35	63
2023	49	1	0	3	1	1	0	2	1	9	7	42	64
2024	46	1	0	3	1	1	0	2	0	9	6	48	66
2025	44	1	0	3	1	1	0	2	0	8	5	53	67
2026	42	1	0	3	1	1	0	2	0	8	5	58	69
2027	39	1	0	2	1	1	0	2	0	8	4	62	71
2028	37	1	0	2	1	1	0	2	0	7	4	66	73
2029	35	1	0	2	1	1	0	2	0	7	3	69	74
2030	33	1	0	2	1	1	0	2	0	7	3	73	76
2031	31	1	0	2	1	1	0	2	0	6	3	75	78
2032	28	1	0	2	1	1	0	2	0	6	2	78	80
2033	26	1	0	2	1	1	0	2	0	6	2	80	82
2034	24	0	0	1	1	0	0	2	0	5	2	81	84
2035	22	0	0	1	1	0	0	2	0	5	2	83	86
2036	19	0	0	1	1	0	0	2	0	5	1	84	88
2037	17	0	0	1	0	0	0	2	0	5	1	86	91
2038	15	0	0	1	0	0	0	2	0	4	1	87	93
2039	13	0	0	1	1	0	0	2	(0)	4	1	88	95
2040	11	0	0	1	1	0	0	2	(1)	4	1	89	98
2041	10	0	0	1	1	0	0	2	(1)	4	1	89	100
2042	9	0	0	1	1	0	0	2	(1)	3	1	90	103
2043	7	0	0	0	1	0	0	2	(1)	3	1	90	105
2044	6	0	0	0	1	0	0	2	(1)	3	0	91	108
2045	5	0	0	0	1	0	0	2	(1)	3	0	91	110
2046	4	0	0	0	1	0	0	2	(1)	3	0	92	113
2047	2	0	0	0	1	0	0	2	(1)	2	0	92	116
2048	1	0	0	0	1	(0)	0	2	(1)	2	0	92	119

IN SERVICE COST	($000)	58
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.5%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	5.14	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58642

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE $(000)	SALVAGE TAX RATE $(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) $(000)	ACCUMULATED DEFERRED TAX $(000)
2019	3.75%	2	2	2	2	2	2	0	3	0	0	0	0	(1)
2020	7.22%	4	6	2	4	2	4	1	3	0	0	0	1	0
2021	6.68%	4	10	2	6	2	6	1	3	0	0	0	1	1
2022	6.18%	4	14	2	8	2	7	1	3	0	0	0	1	2
2023	5.71%	3	17	2	10	2	9	1	3	0	0	0	1	2
2024	5.29%	3	20	2	12	2	11	0	3	0	0	0	0	3
2025	4.89%	3	23	2	14	2	13	0	3	0	0	0	0	3
2026	4.52%	3	25	2	16	2	15	0	3	0	0	0	0	3
2027	4.46%	3	28	2	17	2	17	0	3	0	0	0	0	4
2028	4.46%	3	30	2	19	2	18	0	3	0	0	0	0	4
2029	4.46%	3	33	2	21	2	20	0	3	0	0	0	0	4
2030	4.46%	3	36	2	23	2	22	0	3	0	0	0	0	4
2031	4.46%	3	38	2	25	2	24	0	3	0	0	0	0	5
2032	4.46%	3	41	2	27	2	26	0	3	0	0	0	0	5
2033	4.46%	3	43	2	29	2	28	0	3	0	0	0	0	5
2034	4.46%	3	46	2	31	2	29	0	3	0	0	0	0	5
2035	4.46%	3	48	2	33	2	31	0	3	0	0	0	0	6
2036	4.46%	3	51	2	35	2	33	0	3	0	0	0	0	6
2037	4.46%	3	53	2	37	2	35	0	3	0	0	0	0	6
2038	4.46%	3	56	2	39	2	37	0	3	0	0	0	0	7
2039	2.23%	1	57	2	41	2	39	(0)	3	0	0	0	(0)	6
2040	0.00%	0	57	2	43	2	40	(1)	3	0	0	0	(1)	6
2041	0.00%	0	57	2	45	2	42	(1)	3	0	0	0	(1)	5
2042	0.00%	0	57	2	47	2	44	(1)	3	0	0	0	(1)	4
2043	0.00%	0	57	2	48	2	46	(1)	3	0	0	0	(1)	4
2044	0.00%	0	57	2	50	2	48	(1)	3	0	0	0	(1)	3
2045	0.00%	0	57	2	52	2	50	(1)	3	0	0	0	(1)	2
2046	0.00%	0	57	2	54	2	51	(1)	3	0	0	0	(1)	1
2047	0.00%	0	57	2	56	2	53	(1)	3	0	0	0	(1)	1
2048	0.00%	0	57	2	58	2	55	(1)	3	0	0	0	(1)	0

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

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	2	0	56	2	(1)	59	57	58
2020	7.22%	4	1	54	4	0	57	54	55
2021	6.68%	4	1	52	6	1	54	51	53
2022	6.18%	4	1	50	8	2	51	49	50
2023	5.71%	3	1	48	10	2	49	46	48
2024	5.29%	3	0	47	12	3	46	44	45
2025	4.89%	3	0	45	14	3	44	42	43
2026	4.52%	3	0	43	16	3	42	39	40
2027	4.46%	3	0	41	17	4	39	37	38
2028	4.46%	3	0	39	19	4	37	35	36
2029	4.46%	3	0	37	21	4	35	33	34
2030	4.46%	3	0	35	23	4	33	31	32
2031	4.46%	3	0	33	25	5	31	28	29
2032	4.46%	3	0	31	27	5	28	26	27
2033	4.46%	3	0	29	29	5	26	24	25
2034	4.46%	3	0	27	31	5	24	22	23
2035	4.46%	3	0	25	33	6	22	19	21
2036	4.46%	3	0	23	35	6	19	17	18
2037	4.46%	3	0	21	37	6	17	15	16
2038	4.46%	3	0	19	39	7	15	13	14
2039	2.23%	1	(0)	17	41	6	13	11	12
2040	0.00%	0	(1)	16	43	6	11	10	10
2041	0.00%	0	(1)	14	45	5	10	9	9
2042	0.00%	0	(1)	12	47	4	9	7	8
2043	0.00%	0	(1)	10	48	4	7	6	7
2044	0.00%	0	(1)	8	50	3	6	5	6
2045	0.00%	0	(1)	6	52	2	5	4	4
2046	0.00%	0	(1)	4	54	1	4	2	3
2047	0.00%	0	(1)	2	56	1	2	1	2
2048	0.00%	0	(1)	(0)	58	0	1	0	1

*** Column not specified in workbook**

(1) YEAR	(2) NO.YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING ($/kW)	(7) CUMULATIVE AVERAGE SPENDING ($/kW)
2014	-5	0.00%	1.000	0.11%	0.83	0.41
2015	-4	3.00%	1.030	0.28%	2.26	1.96
2016	-3	3.00%	1.061	8.69%	71.58	38.88
2017	-2	3.00%	1.093	53.83%	456.61	302.97
2018	-1	3.00%	1.126	37.09%	324.11	693.33
				100.00%	855.39	

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)
2014	-5	0.41	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.86	0.86
2015	-4	1.99	0.04	0.05	0.13	0.16	0.10	0.12	(0.02)	(0.03)	2.39	3.24
2016	-3	39.03	0.76	0.81	2.54	2.70	2.01	2.13	(0.48)	(0.51)	74.12	77.36
2017	-2	305.67	5.95	6.76	19.90	22.60	15.69	17.82	(3.76)	(4.27)	476.51	553.87
2018	-1	715.93	13.99	20.74	46.81	69.41	36.57	54.39	(8.71)	(12.98)	370.93	924.80
				20.74		69.41		54.39		(12.98)		924.80

IN SERVICE YEAR	2019
PLANT COSTS	776.3262845
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	54	54	54
EQUITY AFUDC	3		
DEBT AFUDC	1	1	
CPI			3
TOTAL	58	55	57

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2014	1	1	3.60	7.07	3.62	0.00	1.00	1.00
2015	1	1	4.45	7.79	4.47	0.00	1.00	1.00
2016	1	1	4.92	12.20	4.95	0.00	1.00	1.00
2017	1	1	4.27	10.26	4.29	0.00	1.00	1.00
2018	1	1	5.27	13.44	5.29	0.00	1.00	1.00
2019	1	1	5.38	18.72	5.40	5.05	1.00	1.00
2020	1	1	5.65	17.33	5.67	5.04	1.00	1.00
2021	1	1	5.65	16.23	5.67	5.11	1.00	1.00
2022	1	1	5.60	15.12	5.62	5.07	1.00	1.00
2023	1	1	5.60	15.23	5.62	5.17	1.00	1.00
2024	1	1	5.81	13.57	5.83	5.46	1.00	1.00
2025	1	1	5.98	16.84	6.00	5.61	1.00	1.00
2026	1	1	5.73	15.79	5.75	5.73	1.00	1.00
2027	1	1	6.01	14.91	6.03	6.01	1.00	1.00
2028	1	1	6.07	16.89	6.09	6.10	1.00	1.00
2029	1	1	6.28	13.24	6.30	6.40	1.00	1.00
2030	1	1	6.34	15.48	6.36	6.40	1.00	1.00
2031	1	1	6.57	16.10	6.59	6.72	1.00	1.00
2032	1	1	6.62	11.92	6.63	6.79	1.00	1.00
2033	1	1	6.97	16.62	6.98	7.12	1.00	1.00
2034	1	1	7.05	12.50	7.06	7.32	1.00	1.00
2035	1	1	7.19	11.07	7.20	7.51	1.00	1.00
2036	1	1	7.47	12.91	7.48	7.70	1.00	1.00
2037	1	1	7.68	13.42	7.69	8.03	1.00	1.00
2038	1	1	7.94	12.78	7.95	8.32	1.00	1.00
2039	1	1	8.12	12.03	8.13	8.48	1.00	1.00
2040	1	1	8.35	12.08	8.35	8.85	1.00	1.00
2041	1	1	8.67	12.87	8.67	9.11	1.00	1.00
2042	1	1	8.99	14.43	8.99	9.45	1.00	1.00
2043	1	1	9.27	13.94	9.28	9.80	1.00	1.00
2044	1	1	9.60	14.97	9.61	10.24	1.00	1.00
2045	1	1	9.94	14.34	9.95	10.56	1.00	1.00
2046	1	1	10.25	13.01	10.26	10.91	1.00	1.00
2047	1	1	10.57	13.46	10.58	11.25	1.00	1.00
2048	1	1	11.00	16.12	11.01	11.71	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
	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.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
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	10	4	0	12	16	11
2020	10	4	0	21	26	9
2021	10	4	0	22	27	9
2022	9	4	0	22	27	10
2023	9	5	0	23	27	10
2024	9	5	0	25	29	10
2025	8	5	0	25	29	10
2026	8	5	0	25	28	10
2027	8	5	0	26	29	10
2028	7	5	0	27	30	10
2029	7	5	0	28	31	10
2030	7	5	0	29	31	10
2031	6	6	0	30	33	10
2032	6	6	0	31	33	10
2033	6	6	1	33	35	10
2034	5	6	1	34	36	10
2035	5	6	1	35	37	10
2036	5	6	1	36	38	10
2037	5	6	1	38	40	10
2038	4	7	1	39	41	10
2039	4	7	1	41	42	10
2040	4	7	1	42	44	10
2041	4	7	1	44	45	10
2042	3	7	1	45	47	10
2043	3	8	1	47	48	10
2044	3	8	1	49	51	10
2045	3	8	1	51	52	10
2046	3	8	1	53	54	10
2047	2	8	1	54	56	10
2048	2	8	1	57	58	10
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	174	182	16	1,044	1,121	295
NPV	64	47	4	250	279	87

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2014	0	0	0	0	0	0	17	0
2015	2	0	2	0	0	0	36	0
2016	2	0	2	0	0	0	58	0
2017	1	0	2	0	0	0	49	0
2018	1	0	2	0	0	0	64	0
2019	1	0	2	0	0	0	91	0
2020	1	0	2	0	0	0	84	0
2021	1	0	2	0	0	0	78	0
2022	1	0	1	0	0	0	73	0
2023	1	0	1	0	0	0	73	0
2024	1	0	1	0	0	0	65	0
2025	1	0	1	0	0	0	81	0
2026	1	0	1	0	0	0	76	0
2027	1	0	1	0	0	0	71	0
2028	1	0	1	0	0	0	81	0
2029	1	0	1	0	0	0	62	0
2030	1	0	1	0	0	0	74	0
2031	1	0	1	0	0	0	77	0
2032	1	0	1	0	0	0	55	0
2033	1	0	1	0	0	0	79	0
2034	1	0	1	0	0	0	58	0
2035	1	0	1	0	0	0	51	0
2036	1	0	1	0	0	0	60	0
2037	1	0	1	0	0	0	62	0
2038	1	0	1	0	0	0	59	0
2039	1	0	1	0	0	0	55	0
2040	1	0	1	0	0	0	55	0
2041	1	0	1	0	0	0	58	0
2042	1	0	1	0	0	0	66	0
2043	1	0	1	0	0	0	63	0
2044	1	0	1	0	0	0	68	0
2045	0	0	1	0	0	0	65	0
2046	0	0	1	0	0	0	58	0
2047	0	1	1	0	0	0	60	0
2048	0	1	1	0	0	0	73	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	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.	30	12	42	4	6	10	2,257	0
NPV	14	4	17	2	2	4	822	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

	(2)	(3)	(4)	(5)	(6)
YEAR	AVOIDED GEN UNIT EMISSION BENEFIT $(000)	REPLACEMENT EMISSION COST $(000)	PROGRAM EMISSION BENEFIT $(000)	OFF-PEAK EMISSION PAYBACK COST $(000)	NET EMISSION BENEFIT $(000)
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	2	3	2	0	2
2023	3	4	3	0	2
2024	3	4	4	0	3
2025	4	5	4	0	3
2026	4	5	4	0	3
2027	4	5	5	0	4
2028	5	6	5	0	4
2029	5	7	6	0	4
2030	6	7	6	0	5
2031	6	8	7	0	5
2032	7	9	8	0	6
2033	7	10	8	0	6
2034	8	11	9	0	7
2035	9	11	10	0	7
2036	10	13	11	0	8
2037	10	14	12	0	8
2038	11	15	13	0	9
2039	12	16	14	0	10
2040	13	17	15	0	11
2041	14	18	16	0	12
2042	15	20	17	0	12
2043	16	21	18	0	13
2044	18	23	20	0	14
2045	19	25	21	0	15
2046	20	26	23	0	16
2047	21	28	24	0	17
2048	23	30	26	0	19
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	275	360	311	0	226
NPV	49	64	56	0	41

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	1	127	0	127	0	0	17	0	17	(111)	(111)
2015	0	0	0	0	0	0	2	36	0	39	39	(75)
2016	0	0	0	0	0	0	2	58	0	60	60	(22)
2017	0	0	0	0	0	0	2	49	0	51	51	19
2018	0	0	0	0	0	0	2	64	0	66	66	68
2019	0	0	0	0	0	11	2	91	0	104	104	141
2020	0	0	0	0	0	9	2	84	0	95	95	202
2021	0	0	0	0	0	9	2	78	0	89	89	256
2022	0	0	0	0	0	10	2	73	2	86	86	304
2023	0	0	0	0	0	10	2	73	2	87	87	349
2024	0	1	163	0	163	10	2	65	3	78	(85)	309
2025	0	0	0	0	0	10	2	81	3	95	95	351
2026	0	0	0	0	0	10	2	76	3	91	91	389
2027	0	0	0	0	0	10	2	71	4	86	86	423
2028	0	0	0	0	0	10	2	81	4	97	97	458
2029	0	0	0	0	0	10	1	62	4	78	78	484
2030	0	0	0	0	0	10	1	74	5	90	90	512
2031	0	0	0	0	0	10	1	77	5	93	93	539
2032	0	0	0	0	0	10	1	55	6	72	72	559
2033	0	0	0	0	0	10	1	79	6	96	96	583
2034	0	1	208	0	209	10	1	58	7	76	(133)	552
2035	0	0	0	0	0	10	1	51	7	69	69	567
2036	0	0	0	0	0	10	1	60	8	79	79	583
2037	0	0	0	0	0	10	1	62	8	82	82	598
2038	0	0	0	0	0	10	1	59	9	79	79	612
2039	0	0	0	0	0	10	1	55	10	76	76	624
2040	0	0	0	0	0	10	1	55	11	76	76	636
2041	0	0	0	0	0	10	1	58	12	81	81	647
2042	0	0	0	0	0	10	1	66	12	90	90	659
2043	0	0	0	0	0	10	1	63	13	88	88	670
2044	0	1	266	0	267	10	1	68	14	94	(174)	650
2045	0	0	0	0	0	10	1	65	15	91	91	660
2046	0	0	0	0	0	10	1	58	16	86	86	668
2047	0	0	0	0	0	10	1	60	17	89	89	676
2048	0	0	0	0	0	10	1	73	19	103	103	685
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
NOM	0	3	764	0	767	295	52	2,257	226	2,830	2,063	
NPV	0	1	284	0	285	87	21	822	41	970	685	

Discount Rate: 7.54 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **3.40**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	15	0	10	0	25	127	0	0	127	(102)	(102)
2015	28	0	0	0	28	0	0	0	0	28	(76)
2016	29	0	0	0	29	0	0	0	0	29	(51)
2017	30	0	0	0	30	0	0	0	0	30	(28)
2018	32	0	0	0	32	0	0	0	0	32	(4)
2019	35	0	0	0	35	0	0	0	0	35	21
2020	36	0	0	0	36	0	0	0	0	36	44
2021	36	0	0	0	36	0	0	0	0	36	66
2022	37	0	0	0	37	0	0	0	0	37	87
2023	38	0	0	0	38	0	0	0	0	38	107
2024	39	0	10	0	49	163	0	0	163	(114)	52
2025	40	0	0	0	40	0	0	0	0	40	69
2026	40	0	0	0	40	0	0	0	0	40	86
2027	41	0	0	0	41	0	0	0	0	41	102
2028	43	0	0	0	43	0	0	0	0	43	118
2029	44	0	0	0	44	0	0	0	0	44	133
2030	45	0	0	0	45	0	0	0	0	45	147
2031	46	0	0	0	46	0	0	0	0	46	160
2032	48	0	0	0	48	0	0	0	0	48	173
2033	52	0	0	0	52	0	0	0	0	52	186
2034	54	0	10	0	64	208	0	0	208	(144)	152
2035	56	0	0	0	56	0	0	0	0	56	165
2036	60	0	0	0	60	0	0	0	0	60	177
2037	62	0	0	0	62	0	0	0	0	62	188
2038	64	0	0	0	64	0	0	0	0	64	200
2039	67	0	0	0	67	0	0	0	0	67	210
2040	69	0	0	0	69	0	0	0	0	69	221
2041	72	0	0	0	72	0	0	0	0	72	231
2042	75	0	0	0	75	0	0	0	0	75	241
2043	79	0	0	0	79	0	0	0	0	79	250
2044	83	0	10	0	93	266	0	0	266	(174)	231
2045	87	0	0	0	87	0	0	0	0	87	240
2046	91	0	0	0	91	0	0	0	0	91	249
2047	95	0	0	0	95	0	0	0	0	95	257
2048	99	0	0	0	99	0	0	0	0	99	266
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	1,866	0	39	0	1,905	764	0	0	764	1,141	
NPV	532	0	18	0	550	284	0	0	284	266	

In Service of Gen Unit: 2019
Discount Rate : 7.54 %
Benefit/Cost Ratio (Col(6) / Col(10)) **1.93**

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	1	10	13	0	23	17	0	0	0	17	(7)	(7)
2015	0	0	0	25	0	25	36	2	0	0	39	14	6
2016	0	0	0	25	0	25	58	2	0	0	60	35	37
2017	0	0	0	26	0	26	49	2	0	0	51	25	57
2018	0	0	0	28	0	28	64	2	0	0	66	38	85
2019	0	0	0	31	0	31	102	2	0	0	104	74	136
2020	0	0	0	31	0	31	93	2	0	0	95	64	178
2021	0	0	0	32	0	32	87	2	0	0	89	57	212
2022	0	0	0	33	0	33	82	2	0	2	86	53	242
2023	0	0	0	34	0	34	83	2	0	2	87	54	270
2024	0	1	10	34	0	45	74	2	0	3	78	34	286
2025	0	0	0	35	0	35	91	2	0	3	95	61	313
2026	0	0	0	35	0	35	86	2	0	3	91	56	336
2027	0	0	0	36	0	36	81	2	0	4	86	50	356
2028	0	0	0	37	0	37	92	2	0	4	97	60	378
2029	0	0	0	38	0	38	72	1	0	4	78	40	391
2030	0	0	0	39	0	39	84	1	0	5	90	51	407
2031	0	0	0	40	0	40	86	1	0	5	93	53	422
2032	0	0	0	42	0	42	65	1	0	6	72	30	431
2033	0	0	0	45	0	45	89	1	0	6	96	51	443
2034	0	1	10	47	0	57	68	1	0	7	76	18	448
2035	0	0	0	48	0	48	60	1	0	7	69	21	452
2036	0	0	0	52	0	52	70	1	0	8	79	27	458
2037	0	0	0	53	0	53	72	1	0	8	82	28	463
2038	0	0	0	55	0	55	68	1	0	9	79	23	467
2039	0	0	0	57	0	57	65	1	0	10	76	18	470
2040	0	0	0	59	0	59	64	1	0	11	76	17	473
2041	0	0	0	62	0	62	68	1	0	12	81	20	475
2042	0	0	0	64	0	64	76	1	0	12	90	26	479
2043	0	0	0	68	0	68	73	1	0	13	88	20	481
2044	0	1	10	71	0	82	78	1	0	14	94	12	483
2045	0	0	0	74	0	74	75	1	0	15	91	17	484
2046	0	0	0	77	0	77	68	1	0	16	86	8	485
2047	0	0	0	81	0	81	70	1	0	17	89	8	486
2048	0	0	0	85	0	85	83	1	0	19	103	18	487
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
NOM.	0	3	39	1,613	0	1,655	2,552	52	0	226	2,830	1,175	
NPV	0	1	18	464	0	483	909	21	0	41	970	487	

Discount Rate 7.54 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **2.01**

SCHEDULE CT-6

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	65.47	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	86.08514	kW
(3) kW LINE LOSS PERCENTAGE	7.22	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	507,148.48	kWh
(5) kWh LINE LOSS PERCENTAGE	5.76	%
(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	30	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.58642	
(5) K FACTOR FOR T & D	1.55920	

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	7.54	%
*	(11) UTILITY AFUDC RATE	6.50	%
*	(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	2014	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2017-2019	
(4) BASE YEAR AVOIDED GENERATING COST	776.33	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90	$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85	$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	58.35	$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50	%**
(10) TRANSMISSION FIXED O & M COST	3.53	$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34	$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50	%**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.065	CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50	%**
(15) GENERATOR CAPACITY FACTOR	56%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.85	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.65	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2014	0	13	0	14	12	6	322	0	0	322
2015	0	0	0	0	23	12	0	0	0	0
2016	0	0	0	0	24	12	0	0	0	0
2017	0	0	0	0	24	13	0	0	0	0
2018	0	0	0	0	27	13	0	0	0	0
2019	0	0	0	0	30	13	0	0	0	0
2020	0	0	0	0	30	14	0	0	0	0
2021	0	0	0	0	31	15	0	0	0	0
2022	0	0	0	0	31	16	0	0	0	0
2023	0	0	0	0	33	15	0	0	0	0
2024	0	13	0	14	34	15	412	0	0	412
2025	0	0	0	0	35	14	0	0	0	0
2026	0	0	0	0	36	14	0	0	0	0
2027	0	0	0	0	37	14	0	0	0	0
2028	0	0	0	0	38	14	0	0	0	0
2029	0	0	0	0	40	14	0	0	0	0
2030	0	0	0	0	41	14	0	0	0	0
2031	0	0	0	0	42	14	0	0	0	0
2032	0	0	0	0	45	15	0	0	0	0
2033	0	0	0	0	49	15	0	0	0	0
2034	0	13	0	14	51	15	527	0	0	527
2035	0	0	0	0	53	15	0	0	0	0
2036	0	0	0	0	58	16	0	0	0	0
2037	0	0	0	0	60	16	0	0	0	0
2038	0	0	0	0	63	16	0	0	0	0
2039	0	0	0	0	66	16	0	0	0	0
2040	0	0	0	0	68	16	0	0	0	0
2041	0	0	0	0	71	16	0	0	0	0
2042	0	0	0	0	75	16	0	0	0	0
2043	0	0	0	0	80	17	0	0	0	0
2044	1	13	0	14	84	17	674	0	0	674
2045	0	0	0	0	88	17	0	0	0	0
2046	0	0	0	0	93	17	0	0	0	0
2047	0	0	0	0	98	17	0	0	0	0
2048	0	0	0	0	103	17	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	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	54	0	55	1,771	518	1,934	0	0	1,934
NPV	1	25	0	25	478	179	720	0	0	720

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	81	2	0	5	3	1	0	3	0	14	14	14	80
2020	78	2	0	5	2	1	0	3	1	14	13	27	82
2021	74	2	0	5	2	1	0	3	1	13	11	38	84
2022	70	1	0	4	2	1	0	3	1	13	10	48	86
2023	67	1	0	4	2	1	0	3	1	12	9	58	88
2024	63	1	0	4	2	1	0	3	1	12	8	66	90
2025	60	1	0	4	2	1	0	3	1	11	7	73	92
2026	57	1	0	4	2	1	0	3	0	11	7	79	95
2027	54	1	0	3	2	1	0	3	0	10	6	85	97
2028	51	1	0	3	2	1	0	3	0	10	5	91	99
2029	48	1	0	3	2	1	0	3	0	10	5	95	102
2030	45	1	0	3	1	1	0	3	0	9	4	99	104
2031	42	1	0	3	1	1	0	3	0	9	4	103	107
2032	39	1	0	2	1	1	0	3	0	8	3	106	110
2033	36	1	0	2	1	1	0	3	0	8	3	109	112
2034	33	1	0	2	1	1	0	3	0	7	3	112	115
2035	30	1	0	2	1	1	0	3	0	7	2	114	118
2036	27	1	0	2	1	1	0	3	0	7	2	116	121
2037	24	0	0	1	1	1	0	3	0	6	2	117	124
2038	21	0	0	1	1	0	0	3	0	6	1	119	127
2039	18	0	0	1	1	0	0	3	(0)	5	1	120	130
2040	15	0	0	1	2	0	0	3	(1)	5	1	121	134
2041	13	0	0	1	2	0	0	3	(1)	5	1	122	137
2042	12	0	0	1	2	0	0	3	(1)	5	1	123	140
2043	10	0	0	1	1	0	0	3	(1)	4	1	124	144
2044	8	0	0	1	1	0	0	3	(1)	4	1	124	148
2045	7	0	0	0	1	0	0	3	(1)	4	1	125	151
2046	5	0	0	0	1	0	0	3	(1)	4	0	125	155
2047	3	0	0	0	1	0	0	3	(1)	3	0	126	159
2048	2	0	0	0	1	(0)	0	3	(1)	3	0	126	163

IN SERVICE COST	($000)	80
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.5%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	5.14	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58642

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) 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	4	0	0	0	0	(1)
2020	7.22%	6	9	3	5	3	5	1	4	0	0	0	1	0
2021	6.68%	5	14	3	8	3	8	1	4	0	0	0	1	1
2022	6.18%	5	19	3	11	3	10	1	4	0	0	0	1	2
2023	5.71%	4	23	3	13	3	13	1	4	0	0	0	1	3
2024	5.29%	4	27	3	16	3	15	1	4	0	0	0	1	4
2025	4.89%	4	31	3	19	3	18	1	4	0	0	0	1	4
2026	4.52%	4	35	3	21	3	20	0	4	0	0	0	0	4
2027	4.46%	3	38	3	24	3	23	0	4	0	0	0	0	5
2028	4.46%	3	42	3	27	3	25	0	4	0	0	0	0	5
2029	4.46%	3	45	3	29	3	28	0	4	0	0	0	0	6
2030	4.46%	3	49	3	32	3	30	0	4	0	0	0	0	6
2031	4.46%	3	52	3	34	3	33	0	4	0	0	0	0	6
2032	4.46%	3	56	3	37	3	35	0	4	0	0	0	0	7
2033	4.46%	3	59	3	40	3	38	0	4	0	0	0	0	7
2034	4.46%	3	63	3	42	3	40	0	4	0	0	0	0	8
2035	4.46%	3	66	3	45	3	43	0	4	0	0	0	0	8
2036	4.46%	3	70	3	48	3	45	0	4	0	0	0	0	8
2037	4.46%	3	73	3	50	3	48	0	4	0	0	0	0	9
2038	4.46%	3	77	3	53	3	50	0	4	0	0	0	0	9
2039	2.23%	2	78	3	56	3	53	(0)	4	0	0	0	(0)	9
2040	0.00%	0	78	3	58	3	55	(1)	4	0	0	0	(1)	8
2041	0.00%	0	78	3	61	3	58	(1)	4	0	0	0	(1)	7
2042	0.00%	0	78	3	64	3	60	(1)	4	0	0	0	(1)	6
2043	0.00%	0	78	3	66	3	63	(1)	4	0	0	0	(1)	5
2044	0.00%	0	78	3	69	3	65	(1)	4	0	0	0	(1)	4
2045	0.00%	0	78	3	72	3	68	(1)	4	0	0	0	(1)	3
2046	0.00%	0	78	3	74	3	70	(1)	4	0	0	0	(1)	2
2047	0.00%	0	78	3	77	3	73	(1)	4	0	0	0	(1)	1
2048	0.00%	0	78	3	80	3	75	(1)	4	0	0	0	(1)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(1)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	4
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	3	0	77	3	(1)	81	78	79
2020	7.22%	6	1	74	5	0	78	74	76
2021	6.68%	5	1	72	8	1	74	70	72
2022	6.18%	5	1	69	11	2	70	67	69
2023	5.71%	4	1	66	13	3	67	63	65
2024	5.29%	4	1	64	16	4	63	60	62
2025	4.89%	4	1	61	19	4	60	57	59
2026	4.52%	4	0	58	21	4	57	54	55
2027	4.46%	3	0	56	24	5	54	51	52
2028	4.46%	3	0	53	27	5	51	48	49
2029	4.46%	3	0	50	29	6	48	45	46
2030	4.46%	3	0	48	32	6	45	42	43
2031	4.46%	3	0	45	34	6	42	39	40
2032	4.46%	3	0	42	37	7	39	36	37
2033	4.46%	3	0	40	40	7	36	33	34
2034	4.46%	3	0	37	42	8	33	30	31
2035	4.46%	3	0	34	45	8	30	27	28
2036	4.46%	3	0	32	48	8	27	24	25
2037	4.46%	3	0	29	50	9	24	21	22
2038	4.46%	3	0	27	53	9	21	18	19
2039	2.23%	2	(0)	24	56	9	18	15	16
2040	0.00%	0	(1)	21	58	8	15	13	14
2041	0.00%	0	(1)	19	61	7	13	12	13
2042	0.00%	0	(1)	16	64	6	12	10	11
2043	0.00%	0	(1)	13	66	5	10	8	9
2044	0.00%	0	(1)	11	69	4	8	7	8
2045	0.00%	0	(1)	8	72	3	7	5	6
2046	0.00%	0	(1)	5	74	2	5	3	4
2047	0.00%	0	(1)	3	77	1	3	2	3
2048	0.00%	0	(1)	(0)	80	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)
2014	-5	0.00%	1.000	0.11%	0.83	0.41
2015	-4	3.00%	1.030	0.28%	2.26	1.96
2016	-3	3.00%	1.061	8.69%	71.58	38.88
2017	-2	3.00%	1.093	53.83%	456.61	302.97
2018	-1	3.00%	1.126	37.09%	324.11	693.33
				100.00%	855.39	

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)
2014	-5	0.41	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.86	0.86
2015	-4	1.99	0.04	0.05	0.13	0.16	0.10	0.12	(0.02)	(0.03)	2.39	3.24
2016	-3	39.03	0.76	0.81	2.54	2.70	2.01	2.13	(0.48)	(0.51)	74.12	77.36
2017	-2	305.67	5.95	6.76	19.90	22.60	15.69	17.82	(3.76)	(4.27)	476.51	553.87
2018	-1	715.93	13.99	20.74	46.81	69.41	36.57	54.39	(8.71)	(12.98)	370.93	924.80
				20.74		69.41		54.39		(12.98)		924.80

IN SERVICE YEAR	2019
PLANT COSTS	776.3262845
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	74	74	74
EQUITY AFUDC	4		
DEBT AFUDC	2	2	
CPI			5
TOTAL	80	75	78

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2014	1	1	3.60	7.07	3.62	0.00	1.00	1.00
2015	1	1	4.45	7.79	4.47	0.00	1.00	1.00
2016	1	1	4.92	12.20	4.95	0.00	1.00	1.00
2017	1	1	4.27	10.26	4.29	0.00	1.00	1.00
2018	1	1	5.27	13.44	5.29	0.00	1.00	1.00
2019	1	1	5.38	18.72	5.40	5.05	1.00	1.00
2020	1	1	5.65	17.33	5.67	5.04	1.00	1.00
2021	1	1	5.65	16.23	5.67	5.11	1.00	1.00
2022	1	1	5.60	15.12	5.62	5.07	1.00	1.00
2023	1	1	5.60	15.23	5.62	5.17	1.00	1.00
2024	1	1	5.81	13.57	5.83	5.46	1.00	1.00
2025	1	1	5.98	16.84	6.00	5.61	1.00	1.00
2026	1	1	5.73	15.79	5.75	5.73	1.00	1.00
2027	1	1	6.01	14.91	6.03	6.01	1.00	1.00
2028	1	1	6.07	16.89	6.09	6.10	1.00	1.00
2029	1	1	6.28	13.24	6.30	6.40	1.00	1.00
2030	1	1	6.34	15.48	6.36	6.40	1.00	1.00
2031	1	1	6.57	16.10	6.59	6.72	1.00	1.00
2032	1	1	6.62	11.92	6.63	6.79	1.00	1.00
2033	1	1	6.97	16.62	6.98	7.12	1.00	1.00
2034	1	1	7.05	12.50	7.06	7.32	1.00	1.00
2035	1	1	7.19	11.07	7.20	7.51	1.00	1.00
2036	1	1	7.47	12.91	7.48	7.70	1.00	1.00
2037	1	1	7.68	13.42	7.69	8.03	1.00	1.00
2038	1	1	7.94	12.78	7.95	8.32	1.00	1.00
2039	1	1	8.12	12.03	8.13	8.48	1.00	1.00
2040	1	1	8.35	12.08	8.35	8.85	1.00	1.00
2041	1	1	8.67	12.87	8.67	9.11	1.00	1.00
2042	1	1	8.99	14.43	8.99	9.45	1.00	1.00
2043	1	1	9.27	13.94	9.28	9.80	1.00	1.00
2044	1	1	9.60	14.97	9.61	10.24	1.00	1.00
2045	1	1	9.94	14.34	9.95	10.56	1.00	1.00
2046	1	1	10.25	13.01	10.26	10.91	1.00	1.00
2047	1	1	10.57	13.46	10.58	11.25	1.00	1.00
2048	1	1	11.00	16.12	11.01	11.71	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
	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.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
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	14	6	0	16	21	15
2020	14	6	1	29	36	13
2021	13	6	1	29	37	12
2022	13	6	1	30	36	13
2023	12	6	1	32	37	14
2024	12	6	1	34	39	13
2025	11	7	1	35	40	13
2026	11	7	1	34	39	14
2027	10	7	1	35	40	13
2028	10	7	1	37	41	14
2029	10	7	1	39	43	13
2030	9	7	1	39	43	14
2031	9	8	1	41	45	13
2032	8	8	1	43	46	14
2033	8	8	1	45	48	13
2034	7	8	1	46	50	13
2035	7	8	1	48	51	13
2036	7	9	1	50	52	13
2037	6	9	1	52	54	13
2038	6	9	1	54	56	13
2039	5	9	1	56	57	14
2040	5	10	1	58	60	13
2041	5	10	1	60	62	13
2042	5	10	1	62	64	14
2043	4	10	1	64	66	13
2044	4	11	1	67	69	13
2045	4	11	1	70	72	14
2046	4	11	1	72	74	14
2047	3	11	1	74	76	14
2048	3	12	1	78	79	14
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	239	250	22	1,429	1,535	404
NPV	88	64	6	343	382	118

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2014	0	0	0	0	0	0	20	0
2015	2	0	3	0	0	0	43	0
2016	2	0	2	0	0	0	69	0
2017	2	0	2	0	0	0	58	0
2018	2	0	2	0	0	0	77	0
2019	2	0	2	0	0	0	109	0
2020	2	0	2	0	0	0	100	0
2021	2	0	2	0	0	0	93	0
2022	2	0	2	0	0	0	87	0
2023	2	0	2	0	0	0	87	0
2024	2	0	2	0	0	0	77	0
2025	1	0	2	0	0	0	97	0
2026	1	0	2	0	0	0	91	0
2027	1	0	2	0	0	0	85	0
2028	1	0	2	0	0	0	97	0
2029	1	0	2	0	0	0	74	0
2030	1	0	2	0	0	0	88	0
2031	1	0	2	0	0	0	92	0
2032	1	0	2	0	0	0	66	0
2033	1	0	2	0	0	0	94	0
2034	1	0	2	0	0	0	69	0
2035	1	1	1	0	0	0	60	0
2036	1	1	1	0	0	0	71	0
2037	1	1	1	0	0	0	74	0
2038	1	1	1	0	0	0	70	0
2039	1	1	1	0	0	0	65	0
2040	1	1	1	0	0	0	65	0
2041	1	1	1	0	0	0	70	0
2042	1	1	1	0	0	0	79	0
2043	1	1	1	0	0	0	76	0
2044	1	1	1	0	0	0	81	0
2045	1	1	1	0	0	0	77	0
2046	1	1	1	0	0	0	69	0
2047	1	1	1	0	0	0	71	0
2048	1	1	1	0	0	0	87	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	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.	41	16	58	5	8	13	2,687	0
NPV	19	5	24	2	3	5	979	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

	(2)	(3)	(4)	(5)	(6)
YEAR	AVOIDED GEN UNIT EMISSION BENEFIT $(000)	REPLACEMENT EMISSION COST $(000)	PROGRAM EMISSION BENEFIT $(000)	OFF-PEAK EMISSION PAYBACK COST $(000)	NET EMISSION BENEFIT $(000)
2014	0	0	0	0	0
2015	0	0	1	0	1
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	3	4	3	0	2
2023	4	5	4	0	3
2024	5	6	4	0	3
2025	5	7	5	0	3
2026	5	7	5	0	4
2027	6	7	6	0	4
2028	6	8	6	0	4
2029	7	9	7	0	5
2030	8	10	8	0	5
2031	8	11	8	0	6
2032	9	12	9	0	6
2033	10	13	10	0	7
2034	11	15	11	0	7
2035	12	16	12	0	8
2036	13	17	13	0	9
2037	14	19	14	0	10
2038	15	20	15	0	10
2039	17	22	16	0	11
2040	18	23	18	0	12
2041	19	25	19	0	13
2042	21	27	20	0	14
2043	22	29	22	0	15
2044	24	31	24	0	16
2045	26	34	25	0	17
2046	27	36	27	0	18
2047	29	38	29	0	20
2048	31	41	31	0	21
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	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	376	493	370	0	254
NPV	67	88	67	0	46

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	322	0	322	0	0	20	0	20	(302)	(302)
2015	0	0	0	0	0	0	3	43	1	46	46	(259)
2016	0	0	0	0	0	0	3	69	0	72	72	(196)
2017	0	0	0	0	0	0	3	58	0	61	61	(147)
2018	0	0	0	0	0	0	3	77	0	79	79	(88)
2019	0	0	0	0	0	15	3	109	0	127	127	0
2020	0	0	0	0	0	13	3	100	0	115	115	75
2021	0	0	0	0	0	12	3	93	0	108	108	140
2022	0	0	0	0	0	13	2	87	2	104	104	198
2023	0	0	0	0	0	14	2	87	3	106	106	254
2024	0	0	412	0	412	13	2	77	3	95	(317)	100
2025	0	0	0	0	0	13	2	97	3	115	115	152
2026	0	0	0	0	0	14	2	91	4	110	110	198
2027	0	0	0	0	0	13	2	85	4	104	104	239
2028	0	0	0	0	0	14	2	97	4	117	117	281
2029	0	0	0	0	0	13	2	74	5	95	95	313
2030	0	0	0	0	0	14	2	88	5	109	109	347
2031	0	0	0	0	0	13	2	92	6	112	112	380
2032	0	0	0	0	0	14	2	66	6	88	88	404
2033	0	0	0	0	0	13	2	94	7	116	116	433
2034	0	0	527	0	527	13	2	69	7	92	(436)	331
2035	0	0	0	0	0	13	2	60	8	84	84	349
2036	0	0	0	0	0	13	2	71	9	95	95	368
2037	0	0	0	0	0	13	2	74	10	99	99	387
2038	0	0	0	0	0	13	2	70	10	95	95	404
2039	0	0	0	0	0	14	2	65	11	92	92	418
2040	0	0	0	0	0	13	2	65	12	92	92	432
2041	0	0	0	0	0	13	2	70	13	98	98	446
2042	0	0	0	0	0	14	2	79	14	108	108	460
2043	0	0	0	0	0	13	2	76	15	106	106	473
2044	0	1	674	0	675	13	2	81	16	112	(562)	410
2045	0	0	0	0	0	14	2	77	17	110	110	421
2046	0	0	0	0	0	14	2	69	18	103	103	431
2047	0	0	0	0	0	14	2	71	20	106	106	441
2048	0	0	0	0	0	14	2	87	21	123	123	451
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	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	2	1,934	0	1,936	404	71	2,687	254	3,416	1,480	
NPV	0	1	720	0	721	118	29	979	46	1,172	451	

Discount Rate: 7.54 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **1.63**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	21	0	13	0	35	322	0	0	322	(287)	(287)
2015	40	0	0	0	40	0	0	0	0	40	(250)
2016	40	0	0	0	40	0	0	0	0	40	(215)
2017	42	0	0	0	42	0	0	0	0	42	(182)
2018	46	0	0	0	46	0	0	0	0	46	(147)
2019	50	0	0	0	50	0	0	0	0	50	(113)
2020	51	0	0	0	51	0	0	0	0	51	(80)
2021	52	0	0	0	52	0	0	0	0	52	(49)
2022	53	0	0	0	53	0	0	0	0	53	(20)
2023	54	0	0	0	54	0	0	0	0	54	9
2024	55	0	13	0	69	412	0	0	412	(343)	(157)
2025	56	0	0	0	56	0	0	0	0	56	(132)
2026	57	0	0	0	57	0	0	0	0	57	(108)
2027	59	0	0	0	59	0	0	0	0	59	(85)
2028	60	0	0	0	60	0	0	0	0	60	(63)
2029	62	0	0	0	62	0	0	0	0	62	(42)
2030	64	0	0	0	64	0	0	0	0	64	(23)
2031	65	0	0	0	65	0	0	0	0	65	(4)
2032	69	0	0	0	69	0	0	0	0	69	15
2033	74	0	0	0	74	0	0	0	0	74	34
2034	77	0	13	0	90	527	0	0	527	(436)	(68)
2035	79	0	0	0	79	0	0	0	0	79	(51)
2036	85	0	0	0	85	0	0	0	0	85	(34)
2037	88	0	0	0	88	0	0	0	0	88	(17)
2038	92	0	0	0	92	0	0	0	0	92	(1)
2039	95	0	0	0	95	0	0	0	0	95	14
2040	98	0	0	0	98	0	0	0	0	98	29
2041	102	0	0	0	102	0	0	0	0	102	43
2042	106	0	0	0	106	0	0	0	0	106	57
2043	113	0	0	0	113	0	0	0	0	113	71
2044	118	0	13	0	131	674	0	0	674	(543)	9
2045	123	0	0	0	123	0	0	0	0	123	22
2046	129	0	0	0	129	0	0	0	0	129	35
2047	135	0	0	0	135	0	0	0	0	135	47
2048	142	0	0	0	142	0	0	0	0	142	59
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	2,652	0	54	0	2,706	1,934	0	0	1,934	772	
NPV	755	0	25	0	779	720	0	0	720	59	

In Service of Gen Unit: 2019
Discount Rate : 7.54 %
Benefit/Cost Ratio (Col(6) / Col(10)) **1.08**

SCHEDULE CT-6

PSC FORM CE 2.5
PAGE 1 OF 1

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	13	19	0	32	20	0	0	0	20	(12)	(12)
2015	0	0	0	35	0	35	43	3	0	1	46	12	(2)
2016	0	0	0	36	0	36	69	3	0	0	72	37	30
2017	0	0	0	37	0	37	58	3	0	0	61	24	50
2018	0	0	0	40	0	40	77	3	0	0	79	39	79
2019	0	0	0	43	0	43	124	3	0	0	127	83	137
2020	0	0	0	44	0	44	113	3	0	0	115	71	183
2021	0	0	0	45	0	45	106	3	0	0	108	63	221
2022	0	0	0	47	0	47	100	2	0	2	104	57	253
2023	0	0	0	47	0	47	101	2	0	3	106	58	283
2024	0	0	13	48	0	62	90	2	0	3	95	33	299
2025	0	0	0	49	0	49	110	2	0	3	115	66	329
2026	0	0	0	50	0	50	104	2	0	4	110	60	354
2027	0	0	0	51	0	51	98	2	0	4	104	53	375
2028	0	0	0	52	0	52	111	2	0	4	117	65	398
2029	0	0	0	54	0	54	88	2	0	5	95	41	412
2030	0	0	0	55	0	55	102	2	0	5	109	54	429
2031	0	0	0	57	0	57	105	2	0	6	112	56	445
2032	0	0	0	59	0	59	80	2	0	6	88	28	453
2033	0	0	0	64	0	64	107	2	0	7	116	52	466
2034	0	0	13	66	0	80	82	2	0	7	92	11	468
2035	0	0	0	69	0	69	74	2	0	8	84	15	472
2036	0	0	0	73	0	73	85	2	0	9	95	22	476
2037	0	0	0	76	0	76	87	2	0	10	99	23	480
2038	0	0	0	79	0	79	83	2	0	10	95	16	483
2039	0	0	0	82	0	82	79	2	0	11	92	10	485
2040	0	0	0	84	0	84	78	2	0	12	92	8	486
2041	0	0	0	88	0	88	83	2	0	13	98	10	488
2042	0	0	0	91	0	91	93	2	0	14	108	17	490
2043	0	0	0	96	0	96	89	2	0	15	106	9	491
2044	0	1	13	101	0	115	95	2	0	16	112	(2)	491
2045	0	0	0	105	0	105	91	2	0	17	110	4	491
2046	0	0	0	110	0	110	83	2	0	18	103	(7)	490
2047	0	0	0	115	0	115	85	2	0	20	106	(9)	490
2048	0	0	0	121	0	121	101	2	0	21	123	3	490
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	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	2	54	2,289	0	2,345	3,092	71	0	254	3,416	1,072	
NPV	0	1	25	657	0	682	1,097	29	0	46	1,172	490	

Discount Rate 7.54 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **1.72**

SCHEDULE CT-6

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	25.36	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	33.34029	kW
(3) kW LINE LOSS PERCENTAGE	7.22	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	301,310.37	kWh
(5) kWh LINE LOSS PERCENTAGE	5.76	%
(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	30	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.58642	
(5) K FACTOR FOR T & D	1.55920	

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	7.54	%
*	(11) UTILITY AFUDC RATE	6.50	%
*	(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	2014	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2017-2019	
(4) BASE YEAR AVOIDED GENERATING COST	776.33	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90	$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85	$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	58.35	$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50	%**
(10) TRANSMISSION FIXED O & M COST	3.53	$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34	$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50	%**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.065	CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50	%**
(15) GENERATOR CAPACITY FACTOR	56%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.85	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.65	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2014	0	5	0	5	7	2	132	0	0	132
2015	0	0	0	0	13	4	0	0	0	0
2016	0	0	0	0	13	4	0	0	0	0
2017	0	0	0	0	14	4	0	0	0	0
2018	0	0	0	0	15	4	0	0	0	0
2019	0	0	0	0	17	4	0	0	0	0
2020	0	0	0	0	17	5	0	0	0	0
2021	0	0	0	0	17	5	0	0	0	0
2022	0	0	0	0	17	5	0	0	0	0
2023	0	0	0	0	19	5	0	0	0	0
2024	0	0	0	0	19	5	0	0	0	0
2025	0	0	0	0	20	4	0	0	0	0
2026	0	0	0	0	20	4	0	0	0	0
2027	0	0	0	0	21	4	0	0	0	0
2028	0	0	0	0	21	4	0	0	0	0
2029	0	5	0	6	22	4	192	0	0	192
2030	0	0	0	0	23	4	0	0	0	0
2031	0	0	0	0	23	4	0	0	0	0
2032	0	0	0	0	25	4	0	0	0	0
2033	0	0	0	0	27	5	0	0	0	0
2034	0	0	0	0	28	5	0	0	0	0
2035	0	0	0	0	29	5	0	0	0	0
2036	0	0	0	0	31	5	0	0	0	0
2037	0	0	0	0	33	5	0	0	0	0
2038	0	0	0	0	34	5	0	0	0	0
2039	0	0	0	0	36	5	0	0	0	0
2040	0	0	0	0	37	5	0	0	0	0
2041	0	0	0	0	38	5	0	0	0	0
2042	0	0	0	0	40	5	0	0	0	0
2043	0	0	0	0	43	5	0	0	0	0
2044	1	5	0	6	45	5	278	0	0	278
2045	0	0	0	0	47	5	0	0	0	0
2046	0	0	0	0	50	5	0	0	0	0
2047	0	0	0	0	52	5	0	0	0	0
2048	0	0	0	0	55	5	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	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	16	0	17	968	159	602	0	0	602
NPV	0	8	0	8	265	56	228	0	0	228

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	31	1	0	2	1	1	0	1	0	5	5	5	31
2020	30	1	0	2	1	1	0	1	0	5	5	10	32
2021	29	1	0	2	1	1	0	1	0	5	4	15	32
2022	27	1	0	2	1	0	0	1	0	5	4	19	33
2023	26	1	0	2	1	0	0	1	0	5	4	22	34
2024	25	1	0	2	1	0	0	1	0	5	3	25	35
2025	23	0	0	1	1	0	0	1	0	4	3	28	36
2026	22	0	0	1	1	0	0	1	0	4	3	31	37
2027	21	0	0	1	1	0	0	1	0	4	2	33	38
2028	20	0	0	1	1	0	0	1	0	4	2	35	39
2029	19	0	0	1	1	0	0	1	0	4	2	37	39
2030	17	0	0	1	1	0	0	1	0	4	2	38	40
2031	16	0	0	1	1	0	0	1	0	3	1	40	41
2032	15	0	0	1	0	0	0	1	0	3	1	41	43
2033	14	0	0	1	0	0	0	1	0	3	1	42	44
2034	13	0	0	1	0	0	0	1	0	3	1	43	45
2035	11	0	0	1	0	0	0	1	0	3	1	44	46
2036	10	0	0	1	0	0	0	1	0	3	1	45	47
2037	9	0	0	1	0	0	0	1	0	2	1	45	48
2038	8	0	0	0	0	0	0	1	0	2	1	46	49
2039	7	0	0	0	0	0	0	1	(0)	2	0	47	51
2040	6	0	0	0	1	0	0	1	(0)	2	0	47	52
2041	5	0	0	0	1	0	0	1	(0)	2	0	47	53
2042	5	0	0	0	1	0	0	1	(0)	2	0	48	54
2043	4	0	0	0	1	0	0	1	(0)	2	0	48	56
2044	3	0	0	0	1	0	0	1	(0)	2	0	48	57
2045	3	0	0	0	1	0	0	1	(0)	1	0	48	59
2046	2	0	0	0	0	0	0	1	(0)	1	0	49	60
2047	1	0	0	0	0	0	0	1	(0)	1	0	49	62
2048	1	0	0	0	0	0	0	1	(0)	1	0	49	63

IN SERVICE COST	($000)	31
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.5%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	5.14	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58642

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE $(000)	SALVAGE TAX RATE $(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) $(000)	ACCUMULATED DEFERRED TAX $(000)
2019	3.75%	1	1	1	1	1	1	0	2	0	0	0	0	(0)
2020	7.22%	2	3	1	2	1	2	0	2	0	0	0	0	0
2021	6.68%	2	5	1	3	1	3	0	2	0	0	0	0	1
2022	6.18%	2	7	1	4	1	4	0	2	0	0	0	0	1
2023	5.71%	2	9	1	5	1	5	0	2	0	0	0	0	1
2024	5.29%	2	11	1	6	1	6	0	2	0	0	0	0	1
2025	4.89%	1	12	1	7	1	7	0	2	0	0	0	0	2
2026	4.52%	1	13	1	8	1	8	0	2	0	0	0	0	2
2027	4.46%	1	15	1	9	1	9	0	2	0	0	0	0	2
2028	4.46%	1	16	1	10	1	10	0	2	0	0	0	0	2
2029	4.46%	1	17	1	11	1	11	0	2	0	0	0	0	2
2030	4.46%	1	19	1	12	1	12	0	2	0	0	0	0	2
2031	4.46%	1	20	1	13	1	13	0	2	0	0	0	0	2
2032	4.46%	1	22	1	14	1	14	0	2	0	0	0	0	3
2033	4.46%	1	23	1	15	1	15	0	2	0	0	0	0	3
2034	4.46%	1	24	1	16	1	16	0	2	0	0	0	0	3
2035	4.46%	1	26	1	17	1	17	0	2	0	0	0	0	3
2036	4.46%	1	27	1	18	1	18	0	2	0	0	0	0	3
2037	4.46%	1	28	1	20	1	19	0	2	0	0	0	0	3
2038	4.46%	1	30	1	21	1	19	0	2	0	0	0	0	3
2039	2.23%	1	30	1	22	1	20	(0)	2	0	0	0	(0)	3
2040	0.00%	0	30	1	23	1	21	(0)	2	0	0	0	(0)	3
2041	0.00%	0	30	1	24	1	22	(0)	2	0	0	0	(0)	3
2042	0.00%	0	30	1	25	1	23	(0)	2	0	0	0	(0)	2
2043	0.00%	0	30	1	26	1	24	(0)	2	0	0	0	(0)	2
2044	0.00%	0	30	1	27	1	25	(0)	2	0	0	0	(0)	2
2045	0.00%	0	30	1	28	1	26	(0)	2	0	0	0	(0)	1
2046	0.00%	0	30	1	29	1	27	(0)	2	0	0	0	(0)	1
2047	0.00%	0	30	1	30	1	28	(0)	2	0	0	0	(0)	0
2048	0.00%	0	30	1	31	1	29	(0)	2	0	0	0	(0)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(0)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	2
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	1	0	30	1	(0)	31	30	31
2020	7.22%	2	0	29	2	0	30	29	29
2021	6.68%	2	0	28	3	1	29	27	28
2022	6.18%	2	0	27	4	1	27	26	27
2023	5.71%	2	0	26	5	1	26	25	25
2024	5.29%	2	0	25	6	1	25	23	24
2025	4.89%	1	0	24	7	2	23	22	23
2026	4.52%	1	0	23	8	2	22	21	21
2027	4.46%	1	0	22	9	2	21	20	20
2028	4.46%	1	0	21	10	2	20	19	19
2029	4.46%	1	0	20	11	2	19	17	18
2030	4.46%	1	0	18	12	2	17	16	17
2031	4.46%	1	0	17	13	2	16	15	16
2032	4.46%	1	0	16	14	3	15	14	14
2033	4.46%	1	0	15	15	3	14	13	13
2034	4.46%	1	0	14	16	3	13	11	12
2035	4.46%	1	0	13	17	3	11	10	11
2036	4.46%	1	0	12	18	3	10	9	10
2037	4.46%	1	0	11	20	3	9	8	9
2038	4.46%	1	0	10	21	3	8	7	7
2039	2.23%	1	(0)	9	22	3	7	6	6
2040	0.00%	0	(0)	8	23	3	6	5	6
2041	0.00%	0	(0)	7	24	3	5	5	5
2042	0.00%	0	(0)	6	25	2	5	4	4
2043	0.00%	0	(0)	5	26	2	4	3	4
2044	0.00%	0	(0)	4	27	2	3	3	3
2045	0.00%	0	(0)	3	28	1	3	2	2
2046	0.00%	0	(0)	2	29	1	2	1	2
2047	0.00%	0	(0)	1	30	0	1	1	1
2048	0.00%	0	(0)	0	31	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)
2014	-5	0.00%	1.000	0.11%	0.83	0.41
2015	-4	3.00%	1.030	0.28%	2.26	1.96
2016	-3	3.00%	1.061	8.69%	71.58	38.88
2017	-2	3.00%	1.093	53.83%	456.61	302.97
2018	-1	3.00%	1.126	37.09%	324.11	693.33
				100.00%	855.39	

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)
2014	-5	0.41	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.86	0.86
2015	-4	1.99	0.04	0.05	0.13	0.16	0.10	0.12	(0.02)	(0.03)	2.39	3.24
2016	-3	39.03	0.76	0.81	2.54	2.70	2.01	2.13	(0.48)	(0.51)	74.12	77.36
2017	-2	305.67	5.95	6.76	19.90	22.60	15.69	17.82	(3.76)	(4.27)	476.51	553.87
2018	-1	715.93	13.99	20.74	46.81	69.41	36.57	54.39	(8.71)	(12.98)	370.93	924.80
				20.74		69.41		54.39		(12.98)		924.80

IN SERVICE YEAR	2019
PLANT COSTS	776.3262845
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	29	29	29
EQUITY AFUDC	2		
DEBT AFUDC	1	1	
CPI			2
TOTAL	31	29	30

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2014	1	1	3.60	6.76	3.65	0.00	1.00	1.00
2015	1	1	4.45	7.10	4.53	0.00	1.00	1.00
2016	1	1	4.92	11.88	5.02	0.00	1.00	1.00
2017	1	1	4.27	9.26	4.33	0.00	1.00	1.00
2018	1	1	5.27	13.39	5.35	0.00	1.00	1.00
2019	1	1	5.38	14.85	5.46	5.05	1.00	1.00
2020	1	1	5.65	14.17	5.73	5.04	1.00	1.00
2021	1	1	5.65	13.92	5.73	5.11	1.00	1.00
2022	1	1	5.60	13.97	5.67	5.07	1.00	1.00
2023	1	1	5.60	12.60	5.67	5.17	1.00	1.00
2024	1	1	5.81	12.22	5.88	5.46	1.00	1.00
2025	1	1	5.98	13.12	6.05	5.61	1.00	1.00
2026	1	1	5.73	10.77	5.79	5.73	1.00	1.00
2027	1	1	6.01	13.04	6.09	6.01	1.00	1.00
2028	1	1	6.07	11.21	6.15	6.10	1.00	1.00
2029	1	1	6.28	10.94	6.36	6.40	1.00	1.00
2030	1	1	6.34	10.60	6.41	6.40	1.00	1.00
2031	1	1	6.57	11.39	6.63	6.72	1.00	1.00
2032	1	1	6.62	9.45	6.67	6.79	1.00	1.00
2033	1	1	6.97	11.59	7.01	7.12	1.00	1.00
2034	1	1	7.05	9.87	7.09	7.32	1.00	1.00
2035	1	1	7.19	9.46	7.23	7.51	1.00	1.00
2036	1	1	7.47	10.30	7.51	7.70	1.00	1.00
2037	1	1	7.68	10.79	7.72	8.03	1.00	1.00
2038	1	1	7.94	10.77	7.98	8.32	1.00	1.00
2039	1	1	8.12	10.50	8.16	8.48	1.00	1.00
2040	1	1	8.35	10.78	8.38	8.85	1.00	1.00
2041	1	1	8.67	11.26	8.70	9.11	1.00	1.00
2042	1	1	8.99	12.15	9.03	9.45	1.00	1.00
2043	1	1	9.27	12.18	9.31	9.80	1.00	1.00
2044	1	1	9.60	12.81	9.64	10.24	1.00	1.00
2045	1	1	9.94	12.82	9.99	10.56	1.00	1.00
2046	1	1	10.25	12.54	10.29	10.91	1.00	1.00
2047	1	1	10.57	13.13	10.61	11.25	1.00	1.00
2048	1	1	11.00	14.36	11.05	11.71	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
	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.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
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	5	2	0	6	8	6
2020	5	2	0	11	14	5
2021	5	2	0	11	14	5
2022	5	2	0	12	14	5
2023	5	2	0	12	14	5
2024	5	2	0	13	15	5
2025	4	3	0	13	15	5
2026	4	3	0	13	15	5
2027	4	3	0	14	16	5
2028	4	3	0	14	16	5
2029	4	3	0	15	17	5
2030	4	3	0	15	17	5
2031	3	3	0	16	17	5
2032	3	3	0	16	18	5
2033	3	3	0	17	19	5
2034	3	3	0	18	19	5
2035	3	3	0	19	20	5
2036	3	3	0	19	20	5
2037	2	3	0	20	21	5
2038	2	4	0	21	22	5
2039	2	4	0	22	22	5
2040	2	4	0	22	23	5
2041	2	4	0	23	24	5
2042	2	4	0	24	25	5
2043	2	4	0	25	26	5
2044	2	4	0	26	27	5
2045	1	4	0	27	28	5
2046	1	4	0	28	29	5
2047	1	4	0	29	30	5
2048	1	5	0	30	31	5
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	93	97	8	553	594	157
NPV	34	25	2	133	148	46

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2014	0	0	0	0	0	0	11	0
2015	1	0	1	0	0	0	23	0
2016	1	0	1	0	0	0	40	0
2017	1	0	1	0	0	0	31	0
2018	1	0	1	0	0	0	45	0
2019	1	0	1	0	0	0	51	0
2020	1	0	1	0	0	0	48	0
2021	1	0	1	0	0	0	47	0
2022	1	0	1	0	0	0	47	0
2023	1	0	1	0	0	0	42	0
2024	1	0	1	0	0	0	41	0
2025	1	0	1	0	0	0	44	0
2026	1	0	1	0	0	0	36	0
2027	1	0	1	0	0	0	44	0
2028	0	0	1	0	0	0	37	0
2029	0	0	1	0	0	0	36	0
2030	0	0	1	0	0	0	35	0
2031	0	0	1	0	0	0	37	0
2032	0	0	1	0	0	0	30	0
2033	0	0	1	0	0	0	38	0
2034	0	0	1	0	0	0	31	0
2035	0	0	1	0	0	0	30	0
2036	0	0	1	0	0	0	33	0
2037	0	0	1	0	0	0	34	0
2038	0	0	1	0	0	0	34	0
2039	0	0	1	0	0	0	33	0
2040	0	0	1	0	0	0	34	0
2041	0	0	1	0	0	0	36	0
2042	0	0	1	0	0	0	39	0
2043	0	0	1	0	0	0	38	0
2044	0	0	1	0	0	0	41	0
2045	0	0	1	0	0	0	40	0
2046	0	0	1	0	0	0	39	0
2047	0	0	0	0	0	0	41	0
2048	0	0	0	0	0	0	45	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	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.	16	6	22	2	3	5	1,311	0
NPV	7	2	9	1	1	2	483	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT $(000)	(3) REPLACEMENT EMISSION COST $(000)	(4) PROGRAM EMISSION BENEFIT $(000)	(5) OFF-PEAK EMISSION PAYBACK COST $(000)	(6) NET EMISSION BENEFIT $(000)
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	1	1	2	0	1
2023	2	2	2	0	2
2024	2	2	3	0	2
2025	2	3	3	0	2
2026	2	3	3	0	2
2027	2	3	3	0	3
2028	2	3	4	0	3
2029	3	3	4	0	3
2030	3	4	4	0	4
2031	3	4	5	0	4
2032	4	5	5	0	4
2033	4	5	6	0	5
2034	4	6	6	0	5
2035	5	6	7	0	6
2036	5	7	8	0	6
2037	5	7	8	0	7
2038	6	8	9	0	7
2039	6	8	10	0	8
2040	7	9	10	0	8
2041	7	10	11	0	9
2042	8	11	12	0	10
2043	9	11	13	0	10
2044	9	12	14	0	11
2045	10	13	15	0	12
2046	11	14	16	0	13
2047	11	15	17	0	14
2048	12	16	18	0	14
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	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	146	191	219	0	174
NPV	26	34	39	0	31

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	132	0	133	0	0	11	0	11	(121)	(121)
2015	0	0	0	0	0	0	1	23	0	24	24	(99)
2016	0	0	0	0	0	0	1	40	0	41	41	(63)
2017	0	0	0	0	0	0	1	31	0	32	32	(37)
2018	0	0	0	0	0	0	1	45	0	46	46	(3)
2019	0	0	0	0	0	6	1	51	0	57	57	37
2020	0	0	0	0	0	5	1	48	0	54	54	72
2021	0	0	0	0	0	5	1	47	0	53	53	104
2022	0	0	0	0	0	5	1	47	1	55	55	135
2023	0	0	0	0	0	5	1	42	2	50	50	161
2024	0	0	0	0	0	5	1	41	2	49	49	184
2025	0	0	0	0	0	5	1	44	2	52	52	208
2026	0	0	0	0	0	5	1	36	2	44	44	226
2027	0	0	0	0	0	5	1	44	3	52	52	246
2028	0	0	0	0	0	5	1	37	3	46	46	263
2029	0	0	192	0	192	5	1	36	3	45	(147)	214
2030	0	0	0	0	0	5	1	35	4	44	44	228
2031	0	0	0	0	0	5	1	37	4	47	47	241
2032	0	0	0	0	0	5	1	30	4	41	41	252
2033	0	0	0	0	0	5	1	38	5	48	48	264
2034	0	0	0	0	0	5	1	31	5	42	42	274
2035	0	0	0	0	0	5	1	30	6	41	41	283
2036	0	0	0	0	0	5	1	33	6	45	45	292
2037	0	0	0	0	0	5	1	34	7	47	47	301
2038	0	0	0	0	0	5	1	34	7	47	47	309
2039	0	0	0	0	0	5	1	33	8	47	47	317
2040	0	0	0	0	0	5	1	34	8	48	48	324
2041	0	0	0	0	0	5	1	36	9	50	50	331
2042	0	0	0	0	0	5	1	39	10	54	54	338
2043	0	0	0	0	0	5	1	38	10	55	55	345
2044	0	1	278	0	278	5	1	41	11	57	(221)	320
2045	0	0	0	0	0	5	1	40	12	58	58	326
2046	0	0	0	0	0	5	1	39	13	58	58	332
2047	0	0	0	0	0	5	1	41	14	61	61	337
2048	0	0	0	0	0	5	1	45	14	66	66	343
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	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	1	602	0	603	157	27	1,311	174	1,670	1,067	
NPV	0	0	228	0	229	46	11	483	31	572	343	

Discount Rate: 7.54 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **2.50**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	10	0	5	0	16	132	0	0	132	(117)	(117)
2015	19	0	0	0	19	0	0	0	0	19	(99)
2016	20	0	0	0	20	0	0	0	0	20	(81)
2017	21	0	0	0	21	0	0	0	0	21	(65)
2018	23	0	0	0	23	0	0	0	0	23	(48)
2019	24	0	0	0	24	0	0	0	0	24	(31)
2020	25	0	0	0	25	0	0	0	0	25	(15)
2021	25	0	0	0	25	0	0	0	0	25	0
2022	26	0	0	0	26	0	0	0	0	26	15
2023	27	0	0	0	27	0	0	0	0	27	29
2024	28	0	0	0	28	0	0	0	0	28	42
2025	28	0	0	0	28	0	0	0	0	28	55
2026	29	0	0	0	29	0	0	0	0	29	67
2027	29	0	0	0	29	0	0	0	0	29	78
2028	30	0	0	0	30	0	0	0	0	30	89
2029	31	0	5	0	36	192	0	0	192	(156)	37
2030	32	0	0	0	32	0	0	0	0	32	47
2031	33	0	0	0	33	0	0	0	0	33	56
2032	34	0	0	0	34	0	0	0	0	34	65
2033	37	0	0	0	37	0	0	0	0	37	75
2034	38	0	0	0	38	0	0	0	0	38	84
2035	40	0	0	0	40	0	0	0	0	40	92
2036	43	0	0	0	43	0	0	0	0	43	101
2037	44	0	0	0	44	0	0	0	0	44	109
2038	46	0	0	0	46	0	0	0	0	46	117
2039	48	0	0	0	48	0	0	0	0	48	125
2040	49	0	0	0	49	0	0	0	0	49	133
2041	51	0	0	0	51	0	0	0	0	51	140
2042	53	0	0	0	53	0	0	0	0	53	147
2043	57	0	0	0	57	0	0	0	0	57	154
2044	59	0	5	0	64	278	0	0	278	(213)	130
2045	62	0	0	0	62	0	0	0	0	62	136
2046	65	0	0	0	65	0	0	0	0	65	142
2047	68	0	0	0	68	0	0	0	0	68	149
2048	71	0	0	0	71	0	0	0	0	71	155
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	1,325	0	16	0	1,341	602	0	0	602	739	
NPV	375	0	8	0	383	228	0	0	228	155	

In Service of Gen Unit: 2019
Discount Rate : 7.54 %
Benefit/Cost Ratio (Col(6) / Col(10)) **1.68**

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	5	9	0	14	11	0	0	0	11	(3)	(3)
2015	0	0	0	17	0	17	23	1	0	0	24	7	4
2016	0	0	0	17	0	17	40	1	0	0	41	24	24
2017	0	0	0	18	0	18	31	1	0	0	32	14	36
2018	0	0	0	19	0	19	45	1	0	0	46	27	56
2019	0	0	0	21	0	21	56	1	0	0	57	36	82
2020	0	0	0	21	0	21	53	1	0	0	54	33	103
2021	0	0	0	22	0	22	52	1	0	0	53	31	121
2022	0	0	0	22	0	22	52	1	0	1	55	32	139
2023	0	0	0	23	0	23	48	1	0	2	50	27	153
2024	0	0	0	24	0	24	46	1	0	2	49	25	165
2025	0	0	0	24	0	24	49	1	0	2	52	28	178
2026	0	0	0	24	0	24	41	1	0	2	44	20	186
2027	0	0	0	25	0	25	49	1	0	3	52	27	197
2028	0	0	0	26	0	26	42	1	0	3	46	20	204
2029	0	0	5	26	0	32	41	1	0	3	45	13	209
2030	0	0	0	27	0	27	40	1	0	4	44	17	214
2031	0	0	0	28	0	28	42	1	0	4	47	19	220
2032	0	0	0	29	0	29	36	1	0	4	41	11	223
2033	0	0	0	31	0	31	43	1	0	5	48	17	227
2034	0	0	0	33	0	33	37	1	0	5	42	10	229
2035	0	0	0	34	0	34	35	1	0	6	41	8	231
2036	0	0	0	36	0	36	38	1	0	6	45	9	233
2037	0	0	0	37	0	37	40	1	0	7	47	9	234
2038	0	0	0	39	0	39	39	1	0	7	47	8	236
2039	0	0	0	40	0	40	38	1	0	8	47	6	237
2040	0	0	0	42	0	42	39	1	0	8	48	6	238
2041	0	0	0	43	0	43	41	1	0	9	50	7	239
2042	0	0	0	45	0	45	44	1	0	10	54	9	240
2043	0	0	0	48	0	48	44	1	0	10	55	7	241
2044	0	1	5	50	0	56	46	1	0	11	57	2	241
2045	0	0	0	52	0	52	46	1	0	12	58	6	242
2046	0	0	0	55	0	55	45	1	0	13	58	3	242
2047	0	0	0	57	0	57	47	1	0	14	61	3	242
2048	0	0	0	60	0	60	51	1	0	14	66	6	243
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	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	1	16	1,127	0	1,144	1,468	27	0	174	1,670	526	
NPV	0	0	8	321	0	329	529	11	0	31	572	243	

Discount Rate 7.54 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **1.74**

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	44.18	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	58.09797	kW
(3) kW LINE LOSS PERCENTAGE	7.22	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	410,679.93	kWh
(5) kWh LINE LOSS PERCENTAGE	5.76	%
(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	30	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.58642	
(5) K FACTOR FOR T & D	1.55920	

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	7.54	%
*	(11) UTILITY AFUDC RATE	6.50	%
*	(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	2014	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2017-2019	
(4) BASE YEAR AVOIDED GENERATING COST	776.33	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90	$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85	$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	58.35	$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50	%**
(10) TRANSMISSION FIXED O & M COST	3.53	$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34	$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50	%**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.065	CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50	%**
(15) GENERATOR CAPACITY FACTOR	56%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.85	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.65	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2014	0	9	0	9	19	0	181	0	0	181
2015	0	0	0	0	36	0	0	0	0	0
2016	0	0	0	0	37	0	0	0	0	0
2017	0	0	0	0	38	0	0	0	0	0
2018	0	0	0	0	40	0	0	0	0	0
2019	0	0	0	0	43	0	0	0	0	0
2020	0	0	0	0	44	0	0	0	0	0
2021	0	0	0	0	45	0	0	0	0	0
2022	0	0	0	0	47	0	0	0	0	0
2023	0	0	0	0	48	0	0	0	0	0
2024	0	9	0	9	49	0	232	0	0	232
2025	0	0	0	0	49	0	0	0	0	0
2026	0	0	0	0	50	0	0	0	0	0
2027	0	0	0	0	51	0	0	0	0	0
2028	0	0	0	0	52	0	0	0	0	0
2029	0	0	0	0	53	0	0	0	0	0
2030	0	0	0	0	54	0	0	0	0	0
2031	0	0	0	0	55	0	0	0	0	0
2032	0	0	0	0	57	0	0	0	0	0
2033	0	0	0	0	60	0	0	0	0	0
2034	0	9	0	10	62	0	296	0	0	296
2035	0	0	0	0	64	0	0	0	0	0
2036	0	0	0	0	67	0	0	0	0	0
2037	0	0	0	0	69	0	0	0	0	0
2038	0	0	0	0	72	0	0	0	0	0
2039	0	0	0	0	74	0	0	0	0	0
2040	0	0	0	0	76	0	0	0	0	0
2041	0	0	0	0	78	0	0	0	0	0
2042	0	0	0	0	81	0	0	0	0	0
2043	0	0	0	0	84	0	0	0	0	0
2044	1	9	0	10	88	0	379	0	0	379
2045	0	0	0	0	91	0	0	0	0	0
2046	0	0	0	0	94	0	0	0	0	0
2047	0	0	0	0	98	0	0	0	0	0
2048	0	0	0	0	102	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	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	36	0	38	2,126	0	1,088	0	0	1,088
NPV	1	17	0	17	637	0	405	0	0	405

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	54	1	0	3	2	1	0	2	0	10	10	10	54
2020	53	1	0	3	1	1	0	2	1	9	9	18	55
2021	50	1	0	3	1	1	0	2	1	9	8	26	56
2022	47	1	0	3	1	1	0	2	1	9	7	33	58
2023	45	1	0	3	1	1	0	2	1	8	6	39	59
2024	43	1	0	3	1	1	0	2	0	8	6	44	61
2025	41	1	0	3	1	1	0	2	0	8	5	49	62
2026	38	1	0	2	1	1	0	2	0	7	4	54	64
2027	36	1	0	2	1	1	0	2	0	7	4	58	65
2028	34	1	0	2	1	1	0	2	0	7	4	61	67
2029	32	1	0	2	1	1	0	2	0	6	3	64	69
2030	30	1	0	2	1	1	0	2	0	6	3	67	70
2031	28	1	0	2	1	1	0	2	0	6	2	69	72
2032	26	1	0	2	1	1	0	2	0	6	2	72	74
2033	24	1	0	2	1	0	0	2	0	5	2	74	76
2034	22	0	0	1	1	0	0	2	0	5	2	75	78
2035	20	0	0	1	1	0	0	2	0	5	1	77	80
2036	18	0	0	1	1	0	0	2	0	4	1	78	82
2037	16	0	0	1	0	0	0	2	0	4	1	79	84
2038	14	0	0	1	0	0	0	2	0	4	1	80	86
2039	12	0	0	1	1	0	0	2	(0)	4	1	81	88
2040	10	0	0	1	1	0	0	2	(1)	3	1	82	90
2041	9	0	0	1	1	0	0	2	(1)	3	1	82	92
2042	8	0	0	0	1	0	0	2	(1)	3	1	83	95
2043	7	0	0	0	1	0	0	2	(1)	3	1	84	97
2044	6	0	0	0	1	0	0	2	(1)	3	0	84	100
2045	5	0	0	0	1	0	0	2	(1)	3	0	84	102
2046	3	0	0	0	1	0	0	2	(1)	2	0	85	105
2047	2	0	0	0	1	0	0	2	(1)	2	0	85	107
2048	1	0	0	0	1	0	0	2	(1)	2	0	85	110

IN SERVICE COST	($000)	54
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.5%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	5.14	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58642

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE $(000)	SALVAGE TAX RATE $(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) $(000)	ACCUMULATED DEFERRED TAX $(000)
2019	3.75%	2	2	2	2	2	2	0	3	0	0	0	0	(1)
2020	7.22%	4	6	2	4	2	3	1	3	0	0	0	1	0
2021	6.68%	4	9	2	5	2	5	1	3	0	0	0	1	1
2022	6.18%	3	13	2	7	2	7	1	3	0	0	0	1	1
2023	5.71%	3	16	2	9	2	8	1	3	0	0	0	1	2
2024	5.29%	3	18	2	11	2	10	0	3	0	0	0	0	2
2025	4.89%	3	21	2	13	2	12	0	3	0	0	0	0	3
2026	4.52%	2	23	2	14	2	14	0	3	0	0	0	0	3
2027	4.46%	2	26	2	16	2	15	0	3	0	0	0	0	3
2028	4.46%	2	28	2	18	2	17	0	3	0	0	0	0	4
2029	4.46%	2	30	2	20	2	19	0	3	0	0	0	0	4
2030	4.46%	2	33	2	21	2	20	0	3	0	0	0	0	4
2031	4.46%	2	35	2	23	2	22	0	3	0	0	0	0	4
2032	4.46%	2	38	2	25	2	24	0	3	0	0	0	0	5
2033	4.46%	2	40	2	27	2	25	0	3	0	0	0	0	5
2034	4.46%	2	42	2	29	2	27	0	3	0	0	0	0	5
2035	4.46%	2	45	2	30	2	29	0	3	0	0	0	0	5
2036	4.46%	2	47	2	32	2	31	0	3	0	0	0	0	6
2037	4.46%	2	49	2	34	2	32	0	3	0	0	0	0	6
2038	4.46%	2	52	2	36	2	34	0	3	0	0	0	0	6
2039	2.23%	1	53	2	38	2	36	(0)	3	0	0	0	(0)	6
2040	0.00%	0	53	2	39	2	37	(1)	3	0	0	0	(1)	5
2041	0.00%	0	53	2	41	2	39	(1)	3	0	0	0	(1)	5
2042	0.00%	0	53	2	43	2	41	(1)	3	0	0	0	(1)	4
2043	0.00%	0	53	2	45	2	42	(1)	3	0	0	0	(1)	3
2044	0.00%	0	53	2	47	2	44	(1)	3	0	0	0	(1)	3
2045	0.00%	0	53	2	48	2	46	(1)	3	0	0	0	(1)	2
2046	0.00%	0	53	2	50	2	48	(1)	3	0	0	0	(1)	1
2047	0.00%	0	53	2	52	2	49	(1)	3	0	0	0	(1)	1
2048	0.00%	0	53	2	54	2	51	(1)	3	0	0	0	(1)	0

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

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	2	0	52	2	(1)	54	53	54
2020	7.22%	4	1	50	4	0	53	50	51
2021	6.68%	4	1	48	5	1	50	47	49
2022	6.18%	3	1	47	7	1	47	45	46
2023	5.71%	3	1	45	9	2	45	43	44
2024	5.29%	3	0	43	11	2	43	41	42
2025	4.89%	3	0	41	13	3	41	38	39
2026	4.52%	2	0	39	14	3	38	36	37
2027	4.46%	2	0	38	16	3	36	34	35
2028	4.46%	2	0	36	18	4	34	32	33
2029	4.46%	2	0	34	20	4	32	30	31
2030	4.46%	2	0	32	21	4	30	28	29
2031	4.46%	2	0	30	23	4	28	26	27
2032	4.46%	2	0	29	25	5	26	24	25
2033	4.46%	2	0	27	27	5	24	22	23
2034	4.46%	2	0	25	29	5	22	20	21
2035	4.46%	2	0	23	30	5	20	18	19
2036	4.46%	2	0	21	32	6	18	16	17
2037	4.46%	2	0	20	34	6	16	14	15
2038	4.46%	2	0	18	36	6	14	12	13
2039	2.23%	1	(0)	16	38	6	12	10	11
2040	0.00%	0	(1)	14	39	5	10	9	10
2041	0.00%	0	(1)	13	41	5	9	8	9
2042	0.00%	0	(1)	11	43	4	8	7	7
2043	0.00%	0	(1)	9	45	3	7	6	6
2044	0.00%	0	(1)	7	47	3	6	5	5
2045	0.00%	0	(1)	5	48	2	5	3	4
2046	0.00%	0	(1)	4	50	1	3	2	3
2047	0.00%	0	(1)	2	52	1	2	1	2
2048	0.00%	0	(1)	0	54	0	1	0	1

*** Column not specified in workbook**

(1) YEAR	(2) NO.YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING ($/kW)	(7) CUMULATIVE AVERAGE SPENDING ($/kW)
2014	-5	0.00%	1.000	0.11%	0.83	0.41
2015	-4	3.00%	1.030	0.28%	2.26	1.96
2016	-3	3.00%	1.061	8.69%	71.58	38.88
2017	-2	3.00%	1.093	53.83%	456.61	302.97
2018	-1	3.00%	1.126	37.09%	324.11	693.33
				100.00%	855.39	

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)
2014	-5	0.41	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.86	0.86
2015	-4	1.99	0.04	0.05	0.13	0.16	0.10	0.12	(0.02)	(0.03)	2.39	3.24
2016	-3	39.03	0.76	0.81	2.54	2.70	2.01	2.13	(0.48)	(0.51)	74.12	77.36
2017	-2	305.67	5.95	6.76	19.90	22.60	15.69	17.82	(3.76)	(4.27)	476.51	553.87
2018	-1	715.93	13.99	20.74	46.81	69.41	36.57	54.39	(8.71)	(12.98)	370.93	924.80
				20.74		69.41		54.39		(12.98)		924.80

IN SERVICE YEAR	2019
PLANT COSTS	776.3262845
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	50	50	50
EQUITY AFUDC	3		
DEBT AFUDC	1	1	
CPI			3
TOTAL	54	51	53

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2014	1	1	3.60	7.07	3.62	0.00	1.00	1.00
2015	1	1	4.45	7.79	4.47	0.00	1.00	1.00
2016	1	1	4.92	12.20	4.95	0.00	1.00	1.00
2017	1	1	4.27	10.26	4.29	0.00	1.00	1.00
2018	1	1	5.27	13.44	5.29	0.00	1.00	1.00
2019	1	1	5.38	18.72	5.40	5.05	1.00	1.00
2020	1	1	5.65	17.33	5.67	5.04	1.00	1.00
2021	1	1	5.65	16.23	5.67	5.11	1.00	1.00
2022	1	1	5.60	15.12	5.62	5.07	1.00	1.00
2023	1	1	5.60	15.23	5.62	5.17	1.00	1.00
2024	1	1	5.81	13.57	5.83	5.46	1.00	1.00
2025	1	1	5.98	16.84	6.00	5.61	1.00	1.00
2026	1	1	5.73	15.79	5.75	5.73	1.00	1.00
2027	1	1	6.01	14.91	6.03	6.01	1.00	1.00
2028	1	1	6.07	16.89	6.09	6.10	1.00	1.00
2029	1	1	6.28	13.24	6.30	6.40	1.00	1.00
2030	1	1	6.34	15.48	6.36	6.40	1.00	1.00
2031	1	1	6.57	16.10	6.59	6.72	1.00	1.00
2032	1	1	6.62	11.92	6.63	6.79	1.00	1.00
2033	1	1	6.97	16.62	6.98	7.12	1.00	1.00
2034	1	1	7.05	12.50	7.06	7.32	1.00	1.00
2035	1	1	7.19	11.07	7.20	7.51	1.00	1.00
2036	1	1	7.47	12.91	7.48	7.70	1.00	1.00
2037	1	1	7.68	13.42	7.69	8.03	1.00	1.00
2038	1	1	7.94	12.78	7.95	8.32	1.00	1.00
2039	1	1	8.12	12.03	8.13	8.48	1.00	1.00
2040	1	1	8.35	12.08	8.35	8.85	1.00	1.00
2041	1	1	8.67	12.87	8.67	9.11	1.00	1.00
2042	1	1	8.99	14.43	8.99	9.45	1.00	1.00
2043	1	1	9.27	13.94	9.28	9.80	1.00	1.00
2044	1	1	9.60	14.97	9.61	10.24	1.00	1.00
2045	1	1	9.94	14.34	9.95	10.56	1.00	1.00
2046	1	1	10.25	13.01	10.26	10.91	1.00	1.00
2047	1	1	10.57	13.46	10.58	11.25	1.00	1.00
2048	1	1	11.00	16.12	11.01	11.71	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
	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.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
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	10	4	0	11	14	10
2020	9	4	0	20	24	9
2021	9	4	0	20	25	8
2022	9	4	0	21	25	9
2023	8	4	0	21	25	9
2024	8	4	0	23	26	9
2025	8	4	0	23	27	9
2026	7	5	0	23	26	9
2027	7	5	0	24	27	9
2028	7	5	0	25	28	10
2029	6	5	0	26	29	9
2030	6	5	0	27	29	9
2031	6	5	0	28	30	9
2032	6	5	0	29	31	9
2033	5	5	0	30	33	9
2034	5	6	0	31	33	9
2035	5	6	0	32	34	9
2036	4	6	1	34	35	9
2037	4	6	1	35	37	9
2038	4	6	1	36	38	9
2039	4	6	1	38	39	9
2040	3	6	1	39	40	9
2041	3	7	1	40	42	9
2042	3	7	1	42	43	9
2043	3	7	1	43	45	9
2044	3	7	1	45	47	9
2045	3	7	1	47	48	9
2046	2	7	1	49	50	9
2047	2	8	1	50	51	9
2048	2	8	1	52	54	9
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	161	168	15	964	1,036	273
NPV	59	43	4	231	258	80

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2014	0	0	0	0	0	0	16	0
2015	1	0	2	0	0	0	35	0
2016	1	0	2	0	0	0	56	0
2017	1	0	2	0	0	0	47	0
2018	1	0	2	0	0	0	62	0
2019	1	0	2	0	0	0	88	0
2020	1	0	1	0	0	0	81	0
2021	1	0	1	0	0	0	76	0
2022	1	0	1	0	0	0	70	0
2023	1	0	1	0	0	0	71	0
2024	1	0	1	0	0	0	62	0
2025	1	0	1	0	0	0	78	0
2026	1	0	1	0	0	0	73	0
2027	1	0	1	0	0	0	69	0
2028	1	0	1	0	0	0	78	0
2029	1	0	1	0	0	0	60	0
2030	1	0	1	0	0	0	71	0
2031	1	0	1	0	0	0	74	0
2032	1	0	1	0	0	0	53	0
2033	1	0	1	0	0	0	76	0
2034	1	0	1	0	0	0	56	0
2035	1	0	1	0	0	0	49	0
2036	1	0	1	0	0	0	58	0
2037	1	0	1	0	0	0	60	0
2038	1	0	1	0	0	0	57	0
2039	1	0	1	0	0	0	53	0
2040	1	0	1	0	0	0	53	0
2041	1	0	1	0	0	0	56	0
2042	1	0	1	0	0	0	64	0
2043	0	0	1	0	0	0	61	0
2044	0	0	1	0	0	0	66	0
2045	0	0	1	0	0	0	63	0
2046	0	0	1	0	0	0	56	0
2047	0	0	1	0	0	0	58	0
2048	0	0	1	0	0	0	70	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	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.	28	11	39	3	6	9	2,176	0
NPV	13	3	16	2	2	3	793	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

	(2)	(3)	(4)	(5)	(6)
YEAR	AVOIDED GEN UNIT EMISSION BENEFIT $(000)	REPLACEMENT EMISSION COST $(000)	PROGRAM EMISSION BENEFIT $(000)	OFF-PEAK EMISSION PAYBACK COST $(000)	NET EMISSION BENEFIT $(000)
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	2	2	2	0	2
2023	3	4	3	0	2
2024	3	4	4	0	3
2025	3	4	4	0	3
2026	4	5	4	0	3
2027	4	5	5	0	3
2028	4	6	5	0	4
2029	5	6	6	0	4
2030	5	7	6	0	5
2031	6	7	7	0	5
2032	6	8	7	0	5
2033	7	9	8	0	6
2034	7	10	9	0	7
2035	8	11	10	0	7
2036	9	12	10	0	8
2037	10	12	11	0	8
2038	10	14	12	0	9
2039	11	15	13	0	10
2040	12	16	14	0	10
2041	13	17	15	0	11
2042	14	18	17	0	12
2043	15	20	18	0	13
2044	16	21	19	0	14
2045	17	23	20	0	15
2046	19	24	22	0	16
2047	20	26	23	0	17
2048	21	28	25	0	18
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	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	254	333	300	0	221
NPV	45	59	54	0	40

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	181	0	181	0	0	16	0	16	(165)	(165)
2015	0	0	0	0	0	0	2	35	0	37	37	(130)
2016	0	0	0	0	0	0	2	56	0	58	58	(80)
2017	0	0	0	0	0	0	2	47	0	49	49	(41)
2018	0	0	0	0	0	0	2	62	0	64	64	7
2019	0	0	0	0	0	10	2	88	0	100	100	77
2020	0	0	0	0	0	9	2	81	0	91	91	136
2021	0	0	0	0	0	8	2	76	0	86	86	187
2022	0	0	0	0	0	9	2	70	2	82	82	233
2023	0	0	0	0	0	9	2	71	2	84	84	277
2024	0	0	232	0	232	9	2	62	3	75	(157)	201
2025	0	0	0	0	0	9	2	78	3	92	92	242
2026	0	0	0	0	0	9	1	73	3	87	87	279
2027	0	0	0	0	0	9	1	69	3	83	83	311
2028	0	0	0	0	0	10	1	78	4	93	93	345
2029	0	0	0	0	0	9	1	60	4	75	75	370
2030	0	0	0	0	0	9	1	71	5	86	86	397
2031	0	0	0	0	0	9	1	74	5	89	89	423
2032	0	0	0	0	0	9	1	53	5	69	69	442
2033	0	0	0	0	0	9	1	76	6	93	93	465
2034	0	0	296	0	297	9	1	56	7	73	(224)	413
2035	0	0	0	0	0	9	1	49	7	66	66	427
2036	0	0	0	0	0	9	1	58	8	76	76	442
2037	0	0	0	0	0	9	1	60	8	78	78	457
2038	0	0	0	0	0	9	1	57	9	76	76	470
2039	0	0	0	0	0	9	1	53	10	73	73	482
2040	0	0	0	0	0	9	1	53	10	73	73	493
2041	0	0	0	0	0	9	1	56	11	78	78	504
2042	0	0	0	0	0	9	1	64	12	86	86	515
2043	0	0	0	0	0	9	1	61	13	85	85	526
2044	0	1	379	0	380	9	1	66	14	90	(290)	493
2045	0	0	0	0	0	9	1	63	15	88	88	502
2046	0	0	0	0	0	9	1	56	16	82	82	510
2047	0	0	0	0	0	9	1	58	17	85	85	518
2048	0	0	0	0	0	9	1	70	18	99	99	526
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	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	2	1,088	0	1,090	273	48	2,176	221	2,718	1,628	
NPV	0	1	405	0	406	80	19	793	40	932	526	

Discount Rate: 7.54 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **2.30**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	23	0	9	0	32	181	0	0	181	(149)	(149)
2015	43	0	0	0	43	0	0	0	0	43	(109)
2016	44	0	0	0	44	0	0	0	0	44	(71)
2017	46	0	0	0	46	0	0	0	0	46	(34)
2018	49	0	0	0	49	0	0	0	0	49	3
2019	52	0	0	0	52	0	0	0	0	52	39
2020	53	0	0	0	53	0	0	0	0	53	73
2021	54	0	0	0	54	0	0	0	0	54	106
2022	57	0	0	0	57	0	0	0	0	57	137
2023	58	0	0	0	58	0	0	0	0	58	168
2024	59	0	9	0	68	232	0	0	232	(163)	89
2025	59	0	0	0	59	0	0	0	0	59	115
2026	60	0	0	0	60	0	0	0	0	60	140
2027	61	0	0	0	61	0	0	0	0	61	164
2028	62	0	0	0	62	0	0	0	0	62	186
2029	63	0	0	0	63	0	0	0	0	63	208
2030	65	0	0	0	65	0	0	0	0	65	228
2031	66	0	0	0	66	0	0	0	0	66	247
2032	69	0	0	0	69	0	0	0	0	69	266
2033	73	0	0	0	73	0	0	0	0	73	284
2034	75	0	9	0	84	296	0	0	296	(212)	234
2035	77	0	0	0	77	0	0	0	0	77	251
2036	81	0	0	0	81	0	0	0	0	81	268
2037	84	0	0	0	84	0	0	0	0	84	283
2038	86	0	0	0	86	0	0	0	0	86	298
2039	89	0	0	0	89	0	0	0	0	89	313
2040	91	0	0	0	91	0	0	0	0	91	327
2041	94	0	0	0	94	0	0	0	0	94	340
2042	97	0	0	0	97	0	0	0	0	97	353
2043	102	0	0	0	102	0	0	0	0	102	365
2044	106	0	9	0	115	379	0	0	379	(265)	335
2045	110	0	0	0	110	0	0	0	0	110	346
2046	114	0	0	0	114	0	0	0	0	114	358
2047	118	0	0	0	118	0	0	0	0	118	368
2048	123	0	0	0	123	0	0	0	0	123	379
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	2,561	0	36	0	2,597	1,088	0	0	1,088	1,509	
NPV	767	0	17	0	784	405	0	0	405	379	

In Service of Gen Unit: 2019
Discount Rate : 7.54 %
Benefit/Cost Ratio (Col(6) / Col(10)) **1.93**

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	9	19	0	28	16	0	0	0	16	(12)	(12)
2015	0	0	0	36	0	36	35	2	0	0	37	1	(11)
2016	0	0	0	37	0	37	56	2	0	0	58	21	8
2017	0	0	0	38	0	38	47	2	0	0	49	11	17
2018	0	0	0	40	0	40	62	2	0	0	64	24	34
2019	0	0	0	43	0	43	98	2	0	0	100	57	74
2020	0	0	0	44	0	44	90	2	0	0	91	47	105
2021	0	0	0	45	0	45	84	2	0	0	86	41	129
2022	0	0	0	47	0	47	79	2	0	2	82	35	149
2023	0	0	0	48	0	48	80	2	0	2	84	36	167
2024	0	0	9	49	0	58	71	2	0	3	75	17	175
2025	0	0	0	49	0	49	87	2	0	3	92	42	194
2026	0	0	0	50	0	50	83	1	0	3	87	37	210
2027	0	0	0	51	0	51	78	1	0	3	83	32	222
2028	0	0	0	52	0	52	88	1	0	4	93	42	237
2029	0	0	0	53	0	53	69	1	0	4	75	22	245
2030	0	0	0	54	0	54	81	1	0	5	86	33	255
2031	0	0	0	55	0	55	83	1	0	5	89	35	265
2032	0	0	0	57	0	57	63	1	0	5	69	13	269
2033	0	0	0	60	0	60	85	1	0	6	93	32	277
2034	0	0	9	62	0	72	65	1	0	7	73	1	277
2035	0	0	0	64	0	64	58	1	0	7	66	2	277
2036	0	0	0	67	0	67	67	1	0	8	76	8	279
2037	0	0	0	69	0	69	69	1	0	8	78	9	281
2038	0	0	0	72	0	72	65	1	0	9	76	4	281
2039	0	0	0	74	0	74	62	1	0	10	73	(1)	281
2040	0	0	0	76	0	76	62	1	0	10	73	(2)	281
2041	0	0	0	78	0	78	65	1	0	11	78	(0)	281
2042	0	0	0	81	0	81	73	1	0	12	86	6	282
2043	0	0	0	84	0	84	70	1	0	13	85	0	282
2044	0	1	9	88	0	97	75	1	0	14	90	(7)	281
2045	0	0	0	91	0	91	72	1	0	15	88	(3)	281
2046	0	0	0	94	0	94	65	1	0	16	82	(12)	279
2047	0	0	0	98	0	98	67	1	0	17	85	(13)	278
2048	0	0	0	102	0	102	80	1	0	18	99	(3)	278
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	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	2	36	2,126	0	2,164	2,449	48	0	221	2,718	555	
NPV	0	1	17	637	0	654	873	19	0	40	932	278	

Discount Rate 7.54 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **1.43**

SCHEDULE CT-6

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	8.22	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	10.81406	kW
(3) kW LINE LOSS PERCENTAGE	7.22	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	76,440.39	kWh
(5) kWh LINE LOSS PERCENTAGE	5.76	%
(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	30	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.58642	
(5) K FACTOR FOR T & D	1.55920	

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	7.54	%
*	(11) UTILITY AFUDC RATE	6.50	%
*	(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	2014	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2017-2019	
(4) BASE YEAR AVOIDED GENERATING COST	776.33	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90	$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85	$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	58.35	$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50	%**
(10) TRANSMISSION FIXED O & M COST	3.53	$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34	$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50	%**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.065	CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50	%**
(15) GENERATOR CAPACITY FACTOR	56%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.85	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.65	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2014	0	2	0	2	2	1	28	0	0	28
2015	0	0	0	0	3	1	0	0	0	0
2016	0	0	0	0	3	1	0	0	0	0
2017	0	0	0	0	3	1	0	0	0	0
2018	0	0	0	0	4	1	0	0	0	0
2019	0	0	0	0	4	1	0	0	0	0
2020	0	0	0	0	4	1	0	0	0	0
2021	0	0	0	0	4	2	0	0	0	0
2022	0	0	0	0	4	2	0	0	0	0
2023	0	0	0	0	5	1	0	0	0	0
2024	0	2	0	2	5	1	36	0	0	36
2025	0	0	0	0	5	1	0	0	0	0
2026	0	0	0	0	5	1	0	0	0	0
2027	0	0	0	0	5	1	0	0	0	0
2028	0	0	0	0	5	1	0	0	0	0
2029	0	0	0	0	6	1	0	0	0	0
2030	0	0	0	0	6	1	0	0	0	0
2031	0	0	0	0	6	1	0	0	0	0
2032	0	0	0	0	6	1	0	0	0	0
2033	0	0	0	0	7	1	0	0	0	0
2034	0	2	0	2	7	2	46	0	0	46
2035	0	0	0	0	7	2	0	0	0	0
2036	0	0	0	0	8	2	0	0	0	0
2037	0	0	0	0	8	2	0	0	0	0
2038	0	0	0	0	9	2	0	0	0	0
2039	0	0	0	0	9	2	0	0	0	0
2040	0	0	0	0	9	2	0	0	0	0
2041	0	0	0	0	10	2	0	0	0	0
2042	0	0	0	0	10	2	0	0	0	0
2043	0	0	0	0	11	2	0	0	0	0
2044	1	2	0	2	11	2	59	0	0	59
2045	0	0	0	0	12	2	0	0	0	0
2046	0	0	0	0	13	2	0	0	0	0
2047	0	0	0	0	13	2	0	0	0	0
2048	0	0	0	0	14	2	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	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	7	0	8	246	52	168	0	0	168
NPV	1	3	0	4	67	18	63	0	0	63

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	10	0	0	1	0	0	0	0	0	2	2	2	10
2020	10	0	0	1	0	0	0	0	0	2	2	3	10
2021	9	0	0	1	0	0	0	0	0	2	1	5	11
2022	9	0	0	1	0	0	0	0	0	2	1	6	11
2023	8	0	0	1	0	0	0	0	0	2	1	7	11
2024	8	0	0	0	0	0	0	0	0	1	1	8	11
2025	8	0	0	0	0	0	0	0	0	1	1	9	12
2026	7	0	0	0	0	0	0	0	0	1	1	10	12
2027	7	0	0	0	0	0	0	0	0	1	1	11	12
2028	6	0	0	0	0	0	0	0	0	1	1	11	12
2029	6	0	0	0	0	0	0	0	0	1	1	12	13
2030	6	0	0	0	0	0	0	0	0	1	1	12	13
2031	5	0	0	0	0	0	0	0	0	1	0	13	13
2032	5	0	0	0	0	0	0	0	0	1	0	13	14
2033	4	0	0	0	0	0	0	0	0	1	0	14	14
2034	4	0	0	0	0	0	0	0	0	1	0	14	14
2035	4	0	0	0	0	0	0	0	0	1	0	14	15
2036	3	0	0	0	0	0	0	0	0	1	0	15	15
2037	3	0	0	0	0	0	0	0	0	1	0	15	16
2038	3	0	0	0	0	0	0	0	0	1	0	15	16
2039	2	0	0	0	0	0	0	0	(0)	1	0	15	16
2040	2	0	0	0	0	0	0	0	(0)	1	0	15	17
2041	2	0	0	0	0	0	0	0	(0)	1	0	15	17
2042	1	0	0	0	0	0	0	0	(0)	1	0	15	18
2043	1	0	0	0	0	0	0	0	(0)	1	0	16	18
2044	1	0	0	0	0	0	0	0	(0)	1	0	16	19
2045	1	0	0	0	0	0	0	0	(0)	0	0	16	19
2046	1	0	0	0	0	0	0	0	(0)	0	0	16	19
2047	0	0	0	0	0	0	0	0	(0)	0	0	16	20
2048	0	0	0	0	0	0	0	0	(0)	0	0	16	20

IN SERVICE COST	($000)	10
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.5%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	5.14	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58642

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE $(000)	SALVAGE TAX RATE $(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) $(000)	ACCUMULATED DEFERRED TAX $(000)
2019	3.75%	0	0	0	0	0	0	0	1	0	0	0	0	(0)
2020	7.22%	1	1	0	1	0	1	0	1	0	0	0	0	0
2021	6.68%	1	2	0	1	0	1	0	1	0	0	0	0	0
2022	6.18%	1	2	0	1	0	1	0	1	0	0	0	0	0
2023	5.71%	1	3	0	2	0	2	0	1	0	0	0	0	0
2024	5.29%	1	3	0	2	0	2	0	1	0	0	0	0	0
2025	4.89%	0	4	0	2	0	2	0	1	0	0	0	0	1
2026	4.52%	0	4	0	3	0	3	0	1	0	0	0	0	1
2027	4.46%	0	5	0	3	0	3	0	1	0	0	0	0	1
2028	4.46%	0	5	0	3	0	3	0	1	0	0	0	0	1
2029	4.46%	0	6	0	4	0	3	0	1	0	0	0	0	1
2030	4.46%	0	6	0	4	0	4	0	1	0	0	0	0	1
2031	4.46%	0	7	0	4	0	4	0	1	0	0	0	0	1
2032	4.46%	0	7	0	5	0	4	0	1	0	0	0	0	1
2033	4.46%	0	7	0	5	0	5	0	1	0	0	0	0	1
2034	4.46%	0	8	0	5	0	5	0	1	0	0	0	0	1
2035	4.46%	0	8	0	6	0	5	0	1	0	0	0	0	1
2036	4.46%	0	9	0	6	0	6	0	1	0	0	0	0	1
2037	4.46%	0	9	0	6	0	6	0	1	0	0	0	0	1
2038	4.46%	0	10	0	7	0	6	0	1	0	0	0	0	1
2039	2.23%	0	10	0	7	0	7	(0)	1	0	0	0	(0)	1
2040	0.00%	0	10	0	7	0	7	(0)	1	0	0	0	(0)	1
2041	0.00%	0	10	0	8	0	7	(0)	1	0	0	0	(0)	1
2042	0.00%	0	10	0	8	0	8	(0)	1	0	0	0	(0)	1
2043	0.00%	0	10	0	8	0	8	(0)	1	0	0	0	(0)	1
2044	0.00%	0	10	0	9	0	8	(0)	1	0	0	0	(0)	0
2045	0.00%	0	10	0	9	0	9	(0)	1	0	0	0	(0)	0
2046	0.00%	0	10	0	9	0	9	(0)	1	0	0	0	(0)	0
2047	0.00%	0	10	0	10	0	9	(0)	1	0	0	0	(0)	0
2048	0.00%	0	10	0	10	0	9	(0)	1	0	0	0	(0)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(0)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	1
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	0	0	10	0	(0)	10	10	10
2020	7.22%	1	0	9	1	0	10	9	10
2021	6.68%	1	0	9	1	0	9	9	9
2022	6.18%	1	0	9	1	0	9	8	9
2023	5.71%	1	0	8	2	0	8	8	8
2024	5.29%	1	0	8	2	0	8	8	8
2025	4.89%	0	0	8	2	1	8	7	7
2026	4.52%	0	0	7	3	1	7	7	7
2027	4.46%	0	0	7	3	1	7	6	7
2028	4.46%	0	0	7	3	1	6	6	6
2029	4.46%	0	0	6	4	1	6	6	6
2030	4.46%	0	0	6	4	1	6	5	5
2031	4.46%	0	0	6	4	1	5	5	5
2032	4.46%	0	0	5	5	1	5	4	5
2033	4.46%	0	0	5	5	1	4	4	4
2034	4.46%	0	0	5	5	1	4	4	4
2035	4.46%	0	0	4	6	1	4	3	4
2036	4.46%	0	0	4	6	1	3	3	3
2037	4.46%	0	0	4	6	1	3	3	3
2038	4.46%	0	0	3	7	1	3	2	2
2039	2.23%	0	(0)	3	7	1	2	2	2
2040	0.00%	0	(0)	3	7	1	2	2	2
2041	0.00%	0	(0)	2	8	1	2	1	2
2042	0.00%	0	(0)	2	8	1	1	1	1
2043	0.00%	0	(0)	2	8	1	1	1	1
2044	0.00%	0	(0)	1	9	0	1	1	1
2045	0.00%	0	(0)	1	9	0	1	1	1
2046	0.00%	0	(0)	1	9	0	1	0	1
2047	0.00%	0	(0)	0	10	0	0	0	0
2048	0.00%	0	(0)	0	10	0	0	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)
2014	-5	0.00%	1.000	0.11%	0.83	0.41
2015	-4	3.00%	1.030	0.28%	2.26	1.96
2016	-3	3.00%	1.061	8.69%	71.58	38.88
2017	-2	3.00%	1.093	53.83%	456.61	302.97
2018	-1	3.00%	1.126	37.09%	324.11	693.33
				100.00%	855.39	

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)
2014	-5	0.41	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.86	0.86
2015	-4	1.99	0.04	0.05	0.13	0.16	0.10	0.12	(0.02)	(0.03)	2.39	3.24
2016	-3	39.03	0.76	0.81	2.54	2.70	2.01	2.13	(0.48)	(0.51)	74.12	77.36
2017	-2	305.67	5.95	6.76	19.90	22.60	15.69	17.82	(3.76)	(4.27)	476.51	553.87
2018	-1	715.93	13.99	20.74	46.81	69.41	36.57	54.39	(8.71)	(12.98)	370.93	924.80
				20.74		69.41		54.39		(12.98)		924.80

IN SERVICE YEAR	2019
PLANT COSTS	776.3262845
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	9	9	9
EQUITY AFUDC	1		
DEBT AFUDC	0	0	
CPI			1
TOTAL	10	9	10

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2014	1	1	3.60	5.70	3.72	0.00	1.00	1.00
2015	1	1	4.45	6.78	4.67	0.00	1.00	1.00
2016	1	1	4.92	10.97	5.18	0.00	1.00	1.00
2017	1	1	4.27	7.43	4.41	0.00	1.00	1.00
2018	1	1	5.27	10.47	5.46	0.00	1.00	1.00
2019	1	1	5.38	10.79	5.57	5.05	1.00	1.00
2020	1	1	5.65	11.85	5.86	5.04	1.00	1.00
2021	1	1	5.65	11.25	5.85	5.11	1.00	1.00
2022	1	1	5.60	10.15	5.78	5.07	1.00	1.00
2023	1	1	5.60	9.26	5.77	5.17	1.00	1.00
2024	1	1	5.81	9.17	5.98	5.46	1.00	1.00
2025	1	1	5.98	9.63	6.16	5.61	1.00	1.00
2026	1	1	5.73	8.53	5.88	5.73	1.00	1.00
2027	1	1	6.01	9.56	6.19	6.01	1.00	1.00
2028	1	1	6.07	8.65	6.24	6.10	1.00	1.00
2029	1	1	6.28	8.95	6.46	6.40	1.00	1.00
2030	1	1	6.34	8.73	6.50	6.40	1.00	1.00
2031	1	1	6.57	9.10	6.72	6.72	1.00	1.00
2032	1	1	6.62	8.26	6.73	6.79	1.00	1.00
2033	1	1	6.97	9.43	7.08	7.12	1.00	1.00
2034	1	1	7.05	8.77	7.15	7.32	1.00	1.00
2035	1	1	7.19	8.70	7.29	7.51	1.00	1.00
2036	1	1	7.47	9.21	7.56	7.70	1.00	1.00
2037	1	1	7.68	9.61	7.79	8.03	1.00	1.00
2038	1	1	7.94	9.80	8.04	8.32	1.00	1.00
2039	1	1	8.12	9.83	8.22	8.48	1.00	1.00
2040	1	1	8.35	10.14	8.45	8.85	1.00	1.00
2041	1	1	8.67	10.56	8.77	9.11	1.00	1.00
2042	1	1	8.99	11.16	9.10	9.45	1.00	1.00
2043	1	1	9.27	11.35	9.38	9.80	1.00	1.00
2044	1	1	9.60	11.87	9.71	10.24	1.00	1.00
2045	1	1	9.94	12.11	10.06	10.56	1.00	1.00
2046	1	1	10.25	12.18	10.35	10.91	1.00	1.00
2047	1	1	10.57	12.69	10.68	11.25	1.00	1.00
2048	1	1	11.00	13.53	11.12	11.71	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
	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.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
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	2	1	0	2	3	2
2020	2	1	0	4	5	2
2021	2	1	0	4	5	2
2022	2	1	0	4	5	2
2023	2	1	0	4	5	2
2024	1	1	0	4	5	2
2025	1	1	0	4	5	2
2026	1	1	0	4	5	2
2027	1	1	0	4	5	2
2028	1	1	0	5	5	2
2029	1	1	0	5	5	2
2030	1	1	0	5	5	2
2031	1	1	0	5	6	2
2032	1	1	0	5	6	2
2033	1	1	0	6	6	2
2034	1	1	0	6	6	2
2035	1	1	0	6	6	2
2036	1	1	0	6	7	2
2037	1	1	0	6	7	2
2038	1	1	0	7	7	2
2039	1	1	0	7	7	2
2040	1	1	0	7	8	2
2041	1	1	0	7	8	2
2042	1	1	0	8	8	2
2043	1	1	0	8	8	2
2044	1	1	0	8	9	2
2045	0	1	0	9	9	2
2046	0	1	0	9	9	2
2047	0	1	0	9	10	2
2048	0	1	0	10	10	2
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	30	31	3	179	193	51
NPV	11	8	1	43	48	15

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2014	0	0	0	0	0	0	2	0
2015	0	0	0	0	0	0	6	0
2016	0	0	0	0	0	0	9	0
2017	0	0	0	0	0	0	6	0
2018	0	0	0	0	0	0	9	0
2019	0	0	0	0	0	0	9	0
2020	0	0	0	0	0	0	10	0
2021	0	0	0	0	0	0	9	0
2022	0	0	0	0	0	0	8	0
2023	0	0	0	0	0	0	8	0
2024	0	0	0	0	0	0	8	0
2025	0	0	0	0	0	0	8	0
2026	0	0	0	0	0	0	7	0
2027	0	0	0	0	0	0	8	0
2028	0	0	0	0	0	0	7	0
2029	0	0	0	0	0	0	7	0
2030	0	0	0	0	0	0	7	0
2031	0	0	0	0	0	0	7	0
2032	0	0	0	0	0	0	7	0
2033	0	0	0	0	0	0	8	0
2034	0	0	0	0	0	0	7	0
2035	0	0	0	0	0	0	7	0
2036	0	0	0	0	0	0	7	0
2037	0	0	0	0	0	0	8	0
2038	0	0	0	0	0	0	8	0
2039	0	0	0	0	0	0	8	0
2040	0	0	0	0	0	0	8	0
2041	0	0	0	0	0	0	8	0
2042	0	0	0	0	0	0	9	0
2043	0	0	0	0	0	0	9	0
2044	0	0	0	0	0	0	9	0
2045	0	0	0	0	0	0	10	0
2046	0	0	0	0	0	0	10	0
2047	0	0	0	0	0	0	10	0
2048	0	0	0	0	0	0	11	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
NOM.	5	2	7	1	1	2	278	0
NPV	2	1	3	0	0	1	99	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT $(000)	(3) REPLACEMENT EMISSION COST $(000)	(4) PROGRAM EMISSION BENEFIT $(000)	(5) OFF-PEAK EMISSION PAYBACK COST $(000)	(6) NET EMISSION BENEFIT $(000)
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	1	1	1	0	0
2024	1	1	1	0	0
2025	1	1	1	0	1
2026	1	1	1	0	1
2027	1	1	1	0	1
2028	1	1	1	0	1
2029	1	1	1	0	1
2030	1	1	1	0	1
2031	1	1	1	0	1
2032	1	2	1	0	1
2033	1	2	2	0	1
2034	1	2	2	0	1
2035	2	2	2	0	1
2036	2	2	2	0	1
2037	2	2	2	0	2
2038	2	3	2	0	2
2039	2	3	2	0	2
2040	2	3	3	0	2
2041	2	3	3	0	2
2042	3	3	3	0	2
2043	3	4	3	0	2
2044	3	4	4	0	3
2045	3	4	4	0	3
2046	3	5	4	0	3
2047	4	5	4	0	3
2048	4	5	5	0	3
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	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	47	62	56	0	41
NPV	8	11	10	0	7

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	28	0	28	0	0	2	0	2	(26)	(26)
2015	0	0	0	0	0	0	0	6	0	6	6	(20)
2016	0	0	0	0	0	0	0	9	0	10	10	(12)
2017	0	0	0	0	0	0	0	6	0	7	7	(7)
2018	0	0	0	0	0	0	0	9	0	9	9	0
2019	0	0	0	0	0	2	0	9	0	11	11	8
2020	0	0	0	0	0	2	0	10	0	12	12	16
2021	0	0	0	0	0	2	0	9	0	11	11	23
2022	0	0	0	0	0	2	0	8	0	11	11	29
2023	0	0	0	0	0	2	0	8	0	10	10	34
2024	0	0	36	0	36	2	0	8	0	10	(26)	21
2025	0	0	0	0	0	2	0	8	1	10	10	26
2026	0	0	0	0	0	2	0	7	1	10	10	30
2027	0	0	0	0	0	2	0	8	1	10	10	34
2028	0	0	0	0	0	2	0	7	1	10	10	37
2029	0	0	0	0	0	2	0	7	1	10	10	41
2030	0	0	0	0	0	2	0	7	1	10	10	44
2031	0	0	0	0	0	2	0	7	1	10	10	47
2032	0	0	0	0	0	2	0	7	1	10	10	49
2033	0	0	0	0	0	2	0	8	1	11	11	52
2034	0	0	46	0	46	2	0	7	1	10	(36)	44
2035	0	0	0	0	0	2	0	7	1	10	10	46
2036	0	0	0	0	0	2	0	7	1	11	11	48
2037	0	0	0	0	0	2	0	8	2	11	11	50
2038	0	0	0	0	0	2	0	8	2	11	11	52
2039	0	0	0	0	0	2	0	8	2	12	12	54
2040	0	0	0	0	0	2	0	8	2	12	12	56
2041	0	0	0	0	0	2	0	8	2	12	12	57
2042	0	0	0	0	0	2	0	9	2	13	13	59
2043	0	0	0	0	0	2	0	9	2	13	13	61
2044	0	1	59	0	59	2	0	9	3	14	(45)	56
2045	0	0	0	0	0	2	0	10	3	14	14	57
2046	0	0	0	0	0	2	0	10	3	15	15	58
2047	0	0	0	0	0	2	0	10	3	15	15	60
2048	0	0	0	0	0	2	0	11	3	16	16	61
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	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	2	168	0	170	51	9	278	41	379	209	
NPV	0	1	63	0	63	15	4	99	7	124	61	

Discount Rate: 7.54 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **1.97**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	3	0	2	0	4	28	0	0	28	(24)	(24)
2015	5	0	0	0	5	0	0	0	0	5	(19)
2016	5	0	0	0	5	0	0	0	0	5	(14)
2017	6	0	0	0	6	0	0	0	0	6	(10)
2018	6	0	0	0	6	0	0	0	0	6	(5)
2019	7	0	0	0	7	0	0	0	0	7	(1)
2020	7	0	0	0	7	0	0	0	0	7	4
2021	7	0	0	0	7	0	0	0	0	7	8
2022	7	0	0	0	7	0	0	0	0	7	12
2023	7	0	0	0	7	0	0	0	0	7	15
2024	7	0	2	0	9	36	0	0	36	(27)	2
2025	7	0	0	0	7	0	0	0	0	7	6
2026	8	0	0	0	8	0	0	0	0	8	9
2027	8	0	0	0	8	0	0	0	0	8	12
2028	8	0	0	0	8	0	0	0	0	8	15
2029	8	0	0	0	8	0	0	0	0	8	17
2030	8	0	0	0	8	0	0	0	0	8	20
2031	9	0	0	0	9	0	0	0	0	9	23
2032	9	0	0	0	9	0	0	0	0	9	25
2033	10	0	0	0	10	0	0	0	0	10	27
2034	10	0	2	0	12	46	0	0	46	(34)	20
2035	10	0	0	0	10	0	0	0	0	10	22
2036	11	0	0	0	11	0	0	0	0	11	24
2037	12	0	0	0	12	0	0	0	0	12	26
2038	12	0	0	0	12	0	0	0	0	12	28
2039	12	0	0	0	12	0	0	0	0	12	30
2040	13	0	0	0	13	0	0	0	0	13	32
2041	13	0	0	0	13	0	0	0	0	13	34
2042	14	0	0	0	14	0	0	0	0	14	36
2043	15	0	0	0	15	0	0	0	0	15	38
2044	15	0	2	0	17	59	0	0	59	(42)	33
2045	16	0	0	0	16	0	0	0	0	16	35
2046	17	0	0	0	17	0	0	0	0	17	36
2047	18	0	0	0	18	0	0	0	0	18	38
2048	18	0	0	0	18	0	0	0	0	18	40
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	348	0	7	0	354	168	0	0	168	186	
NPV	99	0	3	0	102	63	0	0	63	40	

In Service of Gen Unit: 2019
Discount Rate : 7.54 %
Benefit/Cost Ratio (Col(6) / Col(10)) **1.63**

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	2	2	0	4	2	0	0	0	2	(2)	(2)
2015	0	0	0	5	0	5	6	0	0	0	6	1	(1)
2016	0	0	0	5	0	5	9	0	0	0	10	5	4
2017	0	0	0	5	0	5	6	0	0	0	7	2	5
2018	0	0	0	5	0	5	9	0	0	0	9	4	8
2019	0	0	0	6	0	6	11	0	0	0	11	6	12
2020	0	0	0	6	0	6	12	0	0	0	12	6	16
2021	0	0	0	6	0	6	11	0	0	0	11	5	19
2022	0	0	0	6	0	6	10	0	0	0	11	5	22
2023	0	0	0	6	0	6	9	0	0	0	10	4	24
2024	0	0	2	6	0	8	9	0	0	0	10	2	25
2025	0	0	0	6	0	6	10	0	0	1	10	4	27
2026	0	0	0	7	0	7	9	0	0	1	10	3	28
2027	0	0	0	7	0	7	10	0	0	1	10	4	29
2028	0	0	0	7	0	7	9	0	0	1	10	3	30
2029	0	0	0	7	0	7	9	0	0	1	10	3	31
2030	0	0	0	7	0	7	9	0	0	1	10	3	32
2031	0	0	0	7	0	7	9	0	0	1	10	3	33
2032	0	0	0	8	0	8	8	0	0	1	10	2	33
2033	0	0	0	8	0	8	9	0	0	1	11	2	34
2034	0	0	2	9	0	11	9	0	0	1	10	(1)	34
2035	0	0	0	9	0	9	9	0	0	1	10	1	34
2036	0	0	0	10	0	10	9	0	0	1	11	1	34
2037	0	0	0	10	0	10	9	0	0	2	11	1	35
2038	0	0	0	10	0	10	9	0	0	2	11	1	35
2039	0	0	0	11	0	11	10	0	0	2	12	1	35
2040	0	0	0	11	0	11	10	0	0	2	12	1	35
2041	0	0	0	11	0	11	10	0	0	2	12	1	35
2042	0	0	0	12	0	12	11	0	0	2	13	1	35
2043	0	0	0	12	0	12	11	0	0	2	13	1	35
2044	0	1	2	13	0	15	11	0	0	3	14	(1)	35
2045	0	0	0	14	0	14	11	0	0	3	14	1	35
2046	0	0	0	14	0	14	11	0	0	3	15	0	35
2047	0	0	0	15	0	15	12	0	0	3	15	0	35
2048	0	0	0	16	0	16	12	0	0	3	16	0	35
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	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	2	7	297	0	306	329	9	0	41	379	73	
NPV	0	1	3	85	0	89	114	4	0	7	124	35	

Discount Rate 7.54 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **1.40**

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	30.46	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	40.05042	kW
(3) kW LINE LOSS PERCENTAGE	7.22	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	149,503.39	kWh
(5) kWh LINE LOSS PERCENTAGE	5.76	%
(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	30	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.58642	
(5) K FACTOR FOR T & D	1.55920	

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	7.54	%
*	(11) UTILITY AFUDC RATE	6.50	%
*	(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	2014	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2017-2019	
(4) BASE YEAR AVOIDED GENERATING COST	776.33	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90	$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85	$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	58.35	$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50	%**
(10) TRANSMISSION FIXED O & M COST	3.53	$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34	$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50	%**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.065	CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50	%**
(15) GENERATOR CAPACITY FACTOR	56%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.85	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.65	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2014	1	6	0	7	3	2	36	0	0	36
2015	0	0	0	0	6	4	0	0	0	0
2016	0	0	0	0	6	4	0	0	0	0
2017	0	0	0	0	7	4	0	0	0	0
2018	0	0	0	0	7	4	0	0	0	0
2019	0	0	0	0	8	5	0	0	0	0
2020	0	0	0	0	8	5	0	0	0	0
2021	0	0	0	0	8	5	0	0	0	0
2022	0	0	0	0	8	5	0	0	0	0
2023	0	0	0	0	9	5	0	0	0	0
2024	0	0	0	0	9	5	0	0	0	0
2025	1	6	0	7	9	5	47	0	0	47
2026	0	0	0	0	10	5	0	0	0	0
2027	0	0	0	0	10	5	0	0	0	0
2028	0	0	0	0	10	5	0	0	0	0
2029	0	0	0	0	11	5	0	0	0	0
2030	0	0	0	0	11	5	0	0	0	0
2031	0	0	0	0	11	5	0	0	0	0
2032	0	0	0	0	12	5	0	0	0	0
2033	0	0	0	0	13	5	0	0	0	0
2034	0	0	0	0	14	5	0	0	0	0
2035	0	0	0	0	14	5	0	0	0	0
2036	1	6	0	7	15	5	62	0	0	62
2037	0	0	0	0	16	5	0	0	0	0
2038	0	0	0	0	16	5	0	0	0	0
2039	0	0	0	0	17	5	0	0	0	0
2040	0	0	0	0	18	5	0	0	0	0
2041	0	0	0	0	19	5	0	0	0	0
2042	0	0	0	0	19	5	0	0	0	0
2043	0	0	0	0	21	5	0	0	0	0
2044	0	0	0	0	22	5	0	0	0	0
2045	0	0	0	0	23	5	0	0	0	0
2046	0	0	0	0	24	6	0	0	0	0
2047	1	6	0	7	25	6	81	0	0	81
2048	0	0	0	0	26	6	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
NOM	3	25	0	28	467	168	227	0	0	227
NPV	1	11	0	12	128	58	77	0	0	77

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	38	1	0	2	1	1	0	1	0	7	7	7	37
2020	36	1	0	2	1	1	0	1	1	6	6	12	38
2021	34	1	0	2	1	1	0	1	0	6	5	18	39
2022	33	1	0	2	1	1	0	1	0	6	5	23	40
2023	31	1	0	2	1	1	0	1	0	6	4	27	41
2024	29	1	0	2	1	1	0	1	0	5	4	31	42
2025	28	1	0	2	1	1	0	1	0	5	3	34	43
2026	26	1	0	2	1	0	0	1	0	5	3	37	44
2027	25	1	0	2	1	0	0	1	0	5	3	40	45
2028	24	0	0	1	1	0	0	1	0	5	2	42	46
2029	22	0	0	1	1	0	0	1	0	4	2	44	47
2030	21	0	0	1	1	0	0	1	0	4	2	46	49
2031	19	0	0	1	1	0	0	1	0	4	2	48	50
2032	18	0	0	1	1	0	0	1	0	4	2	49	51
2033	17	0	0	1	1	0	0	1	0	4	1	51	52
2034	15	0	0	1	0	0	0	1	0	3	1	52	54
2035	14	0	0	1	0	0	0	1	0	3	1	53	55
2036	12	0	0	1	0	0	0	1	0	3	1	54	56
2037	11	0	0	1	0	0	0	1	0	3	1	55	58
2038	10	0	0	1	0	0	0	1	0	3	1	55	59
2039	8	0	0	1	0	0	0	1	(0)	3	1	56	61
2040	7	0	0	0	1	0	0	1	(0)	2	1	56	62
2041	6	0	0	0	1	0	0	1	(0)	2	0	57	64
2042	5	0	0	0	1	0	0	1	(0)	2	0	57	65
2043	5	0	0	0	1	0	0	1	(0)	2	0	58	67
2044	4	0	0	0	1	0	0	1	(0)	2	0	58	69
2045	3	0	0	0	1	0	0	1	(0)	2	0	58	70
2046	2	0	0	0	1	0	0	1	(0)	2	0	58	72
2047	2	0	0	0	1	0	0	1	(0)	2	0	59	74
2048	1	0	0	0	1	(0)	0	1	(0)	1	0	59	76

IN SERVICE COST	($000)	37
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.5%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	5.14	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58642

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE $(000)	SALVAGE TAX RATE $(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) $(000)	ACCUMULATED DEFERRED TAX $(000)
2019	3.75%	1	1	1	1	1	1	0	2	0	0	0	0	(0)
2020	7.22%	3	4	1	2	1	2	1	2	0	0	0	1	0
2021	6.68%	2	6	1	4	1	4	0	2	0	0	0	0	1
2022	6.18%	2	9	1	5	1	5	0	2	0	0	0	0	1
2023	5.71%	2	11	1	6	1	6	0	2	0	0	0	0	1
2024	5.29%	2	13	1	7	1	7	0	2	0	0	0	0	2
2025	4.89%	2	14	1	9	1	8	0	2	0	0	0	0	2
2026	4.52%	2	16	1	10	1	9	0	2	0	0	0	0	2
2027	4.46%	2	18	1	11	1	11	0	2	0	0	0	0	2
2028	4.46%	2	19	1	12	1	12	0	2	0	0	0	0	2
2029	4.46%	2	21	1	14	1	13	0	2	0	0	0	0	3
2030	4.46%	2	23	1	15	1	14	0	2	0	0	0	0	3
2031	4.46%	2	24	1	16	1	15	0	2	0	0	0	0	3
2032	4.46%	2	26	1	17	1	16	0	2	0	0	0	0	3
2033	4.46%	2	27	1	19	1	18	0	2	0	0	0	0	3
2034	4.46%	2	29	1	20	1	19	0	2	0	0	0	0	3
2035	4.46%	2	31	1	21	1	20	0	2	0	0	0	0	4
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	2.23%	1	36	1	26	1	25	(0)	2	0	0	0	(0)	4
2040	0.00%	0	36	1	27	1	26	(0)	2	0	0	0	(0)	4
2041	0.00%	0	36	1	28	1	27	(0)	2	0	0	0	(0)	3
2042	0.00%	0	36	1	30	1	28	(0)	2	0	0	0	(0)	3
2043	0.00%	0	36	1	31	1	29	(0)	2	0	0	0	(0)	2
2044	0.00%	0	36	1	32	1	30	(0)	2	0	0	0	(0)	2
2045	0.00%	0	36	1	33	1	32	(0)	2	0	0	0	(0)	1
2046	0.00%	0	36	1	35	1	33	(0)	2	0	0	0	(0)	1
2047	0.00%	0	36	1	36	1	34	(0)	2	0	0	0	(0)	0
2048	0.00%	0	36	1	37	1	35	(0)	2	0	0	0	(0)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(1)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	2
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	1	0	36	1	(0)	38	36	37
2020	7.22%	3	1	35	2	0	36	34	35
2021	6.68%	2	0	33	4	1	34	33	34
2022	6.18%	2	0	32	5	1	33	31	32
2023	5.71%	2	0	31	6	1	31	29	30
2024	5.29%	2	0	30	7	2	29	28	29
2025	4.89%	2	0	28	9	2	28	26	27
2026	4.52%	2	0	27	10	2	26	25	26
2027	4.46%	2	0	26	11	2	25	24	24
2028	4.46%	2	0	25	12	2	24	22	23
2029	4.46%	2	0	23	14	3	22	21	22
2030	4.46%	2	0	22	15	3	21	19	20
2031	4.46%	2	0	21	16	3	19	18	19
2032	4.46%	2	0	20	17	3	18	17	17
2033	4.46%	2	0	19	19	3	17	15	16
2034	4.46%	2	0	17	20	3	15	14	14
2035	4.46%	2	0	16	21	4	14	12	13
2036	4.46%	2	0	15	22	4	12	11	12
2037	4.46%	2	0	14	23	4	11	10	10
2038	4.46%	2	0	12	25	4	10	8	9
2039	2.23%	1	(0)	11	26	4	8	7	8
2040	0.00%	0	(0)	10	27	4	7	6	7
2041	0.00%	0	(0)	9	28	3	6	5	6
2042	0.00%	0	(0)	7	30	3	5	5	5
2043	0.00%	0	(0)	6	31	2	5	4	4
2044	0.00%	0	(0)	5	32	2	4	3	4
2045	0.00%	0	(0)	4	33	1	3	2	3
2046	0.00%	0	(0)	2	35	1	2	2	2
2047	0.00%	0	(0)	1	36	0	2	1	1
2048	0.00%	0	(0)	(0)	37	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)
2014	-5	0.00%	1.000	0.11%	0.83	0.41
2015	-4	3.00%	1.030	0.28%	2.26	1.96
2016	-3	3.00%	1.061	8.69%	71.58	38.88
2017	-2	3.00%	1.093	53.83%	456.61	302.97
2018	-1	3.00%	1.126	37.09%	324.11	693.33
				100.00%	855.39	

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)
2014	-5	0.41	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.86	0.86
2015	-4	1.99	0.04	0.05	0.13	0.16	0.10	0.12	(0.02)	(0.03)	2.39	3.24
2016	-3	39.03	0.76	0.81	2.54	2.70	2.01	2.13	(0.48)	(0.51)	74.12	77.36
2017	-2	305.67	5.95	6.76	19.90	22.60	15.69	17.82	(3.76)	(4.27)	476.51	553.87
2018	-1	715.93	13.99	20.74	46.81	69.41	36.57	54.39	(8.71)	(12.98)	370.93	924.80
				20.74		69.41		54.39		(12.98)		924.80

IN SERVICE YEAR	2019
PLANT COSTS	776.3262845
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	34	34	34
EQUITY AFUDC	2		
DEBT AFUDC	1	1	
CPI			2
TOTAL	37	35	36

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2014	1	1	3.60	7.07	3.62	0.00	1.00	1.00
2015	1	1	4.45	7.79	4.47	0.00	1.00	1.00
2016	1	1	4.92	12.20	4.95	0.00	1.00	1.00
2017	1	1	4.27	10.26	4.29	0.00	1.00	1.00
2018	1	1	5.27	13.44	5.29	0.00	1.00	1.00
2019	1	1	5.38	18.72	5.40	5.05	1.00	1.00
2020	1	1	5.65	17.33	5.67	5.04	1.00	1.00
2021	1	1	5.65	16.23	5.67	5.11	1.00	1.00
2022	1	1	5.60	15.12	5.62	5.07	1.00	1.00
2023	1	1	5.60	15.23	5.62	5.17	1.00	1.00
2024	1	1	5.81	13.57	5.83	5.46	1.00	1.00
2025	1	1	5.98	16.84	6.00	5.61	1.00	1.00
2026	1	1	5.73	15.79	5.75	5.73	1.00	1.00
2027	1	1	6.01	14.91	6.03	6.01	1.00	1.00
2028	1	1	6.07	16.89	6.09	6.10	1.00	1.00
2029	1	1	6.28	13.24	6.30	6.40	1.00	1.00
2030	1	1	6.34	15.48	6.36	6.40	1.00	1.00
2031	1	1	6.57	16.10	6.59	6.72	1.00	1.00
2032	1	1	6.62	11.92	6.63	6.79	1.00	1.00
2033	1	1	6.97	16.62	6.98	7.12	1.00	1.00
2034	1	1	7.05	12.50	7.06	7.32	1.00	1.00
2035	1	1	7.19	11.07	7.20	7.51	1.00	1.00
2036	1	1	7.47	12.91	7.48	7.70	1.00	1.00
2037	1	1	7.68	13.42	7.69	8.03	1.00	1.00
2038	1	1	7.94	12.78	7.95	8.32	1.00	1.00
2039	1	1	8.12	12.03	8.13	8.48	1.00	1.00
2040	1	1	8.35	12.08	8.35	8.85	1.00	1.00
2041	1	1	8.67	12.87	8.67	9.11	1.00	1.00
2042	1	1	8.99	14.43	8.99	9.45	1.00	1.00
2043	1	1	9.27	13.94	9.28	9.80	1.00	1.00
2044	1	1	9.60	14.97	9.61	10.24	1.00	1.00
2045	1	1	9.94	14.34	9.95	10.56	1.00	1.00
2046	1	1	10.25	13.01	10.26	10.91	1.00	1.00
2047	1	1	10.57	13.46	10.58	11.25	1.00	1.00
2048	1	1	11.00	16.12	11.01	11.71	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
	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.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
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	7	3	0	8	10	7
2020	6	3	0	13	17	6
2021	6	3	0	14	17	6
2022	6	3	0	14	17	6
2023	6	3	0	15	17	6
2024	5	3	0	16	18	6
2025	5	3	0	16	19	6
2026	5	3	0	16	18	6
2027	5	3	0	17	19	6
2028	5	3	0	17	19	7
2029	4	3	0	18	20	6
2030	4	3	0	18	20	6
2031	4	4	0	19	21	6
2032	4	4	0	20	21	6
2033	4	4	0	21	22	6
2034	3	4	0	22	23	6
2035	3	4	0	22	24	6
2036	3	4	0	23	24	6
2037	3	4	0	24	25	6
2038	3	4	0	25	26	6
2039	3	4	0	26	27	6
2040	2	4	0	27	28	6
2041	2	5	0	28	29	6
2042	2	5	0	29	30	6
2043	2	5	0	30	31	6
2044	2	5	0	31	32	6
2045	2	5	0	32	33	6
2046	2	5	0	34	34	6
2047	2	5	0	35	35	6
2048	1	5	0	36	37	6
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	111	116	10	665	714	188
NPV	41	30	3	159	178	55

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2014	0	0	0	0	0	0	6	0
2015	1	0	1	0	0	0	13	0
2016	1	0	1	0	0	0	20	0
2017	1	0	1	0	0	0	17	0
2018	1	0	1	0	0	0	23	0
2019	1	0	1	0	0	0	32	0
2020	1	0	1	0	0	0	29	0
2021	1	0	1	0	0	0	28	0
2022	1	0	1	0	0	0	26	0
2023	1	0	1	0	0	0	26	0
2024	1	0	1	0	0	0	23	0
2025	1	0	1	0	0	0	28	0
2026	1	0	1	0	0	0	27	0
2027	1	0	1	0	0	0	25	0
2028	1	0	1	0	0	0	29	0
2029	1	0	1	0	0	0	22	0
2030	1	0	1	0	0	0	26	0
2031	1	0	1	0	0	0	27	0
2032	0	0	1	0	0	0	19	0
2033	0	0	1	0	0	0	28	0
2034	0	0	1	0	0	0	20	0
2035	0	0	1	0	0	0	18	0
2036	0	0	1	0	0	0	21	0
2037	0	0	1	0	0	0	22	0
2038	0	0	1	0	0	0	21	0
2039	0	0	1	0	0	0	19	0
2040	0	0	1	0	0	0	19	0
2041	0	0	1	0	0	0	21	0
2042	0	0	1	0	0	0	23	0
2043	0	0	1	0	0	0	22	0
2044	0	0	1	0	0	0	24	0
2045	0	0	1	0	0	0	23	0
2046	0	0	1	0	0	0	20	0
2047	0	0	1	0	0	0	21	0
2048	0	0	1	0	0	0	26	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	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.	19	8	27	2	4	6	792	0
NPV	9	2	11	1	1	2	289	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

	(2)	(3)	(4)	(5)	(6)
YEAR	AVOIDED GEN UNIT EMISSION BENEFIT $(000)	REPLACEMENT EMISSION COST $(000)	PROGRAM EMISSION BENEFIT $(000)	OFF-PEAK EMISSION PAYBACK COST $(000)	NET EMISSION BENEFIT $(000)
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	1	2	1	0	0
2023	2	3	1	0	1
2024	2	3	1	0	1
2025	2	3	1	0	1
2026	2	3	2	0	1
2027	3	3	2	0	1
2028	3	4	2	0	1
2029	3	4	2	0	1
2030	4	5	2	0	1
2031	4	5	2	0	1
2032	4	6	3	0	1
2033	5	6	3	0	1
2034	5	7	3	0	2
2035	6	7	3	0	2
2036	6	8	4	0	2
2037	7	9	4	0	2
2038	7	9	4	0	2
2039	8	10	5	0	2
2040	8	11	5	0	3
2041	9	12	6	0	3
2042	10	13	6	0	3
2043	10	14	6	0	3
2044	11	15	7	0	3
2045	12	16	7	0	4
2046	13	17	8	0	4
2047	14	18	8	0	4
2048	14	19	9	0	5
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	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	175	229	109	0	55
NPV	31	41	20	0	10

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	1	36	0	37	0	0	6	0	6	(31)	(31)
2015	0	0	0	0	0	0	1	13	0	14	14	(17)
2016	0	0	0	0	0	0	1	20	0	22	22	1
2017	0	0	0	0	0	0	1	17	0	18	18	16
2018	0	0	0	0	0	0	1	23	0	24	24	34
2019	0	0	0	0	0	7	1	32	0	40	40	62
2020	0	0	0	0	0	6	1	29	0	37	37	86
2021	0	0	0	0	0	6	1	28	0	34	34	107
2022	0	0	0	0	0	6	1	26	0	33	33	125
2023	0	0	0	0	0	6	1	26	1	34	34	143
2024	0	0	0	0	0	6	1	23	1	30	30	158
2025	0	1	47	0	48	6	1	28	1	36	(11)	152
2026	0	0	0	0	0	6	1	27	1	35	35	167
2027	0	0	0	0	0	6	1	25	1	33	33	180
2028	0	0	0	0	0	7	1	29	1	37	37	193
2029	0	0	0	0	0	6	1	22	1	30	30	203
2030	0	0	0	0	0	6	1	26	1	34	34	214
2031	0	0	0	0	0	6	1	27	1	35	35	224
2032	0	0	0	0	0	6	1	19	1	28	28	232
2033	0	0	0	0	0	6	1	28	1	36	36	241
2034	0	0	0	0	0	6	1	20	2	29	29	248
2035	0	0	0	0	0	6	1	18	2	27	27	254
2036	0	1	62	0	63	6	1	21	2	30	(33)	247
2037	0	0	0	0	0	6	1	22	2	31	31	253
2038	0	0	0	0	0	6	1	21	2	30	30	258
2039	0	0	0	0	0	6	1	19	2	29	29	263
2040	0	0	0	0	0	6	1	19	3	29	29	267
2041	0	0	0	0	0	6	1	21	3	30	30	271
2042	0	0	0	0	0	6	1	23	3	33	33	276
2043	0	0	0	0	0	6	1	22	3	33	33	280
2044	0	0	0	0	0	6	1	24	3	34	34	284
2045	0	0	0	0	0	6	1	23	4	34	34	287
2046	0	0	0	0	0	6	1	20	4	31	31	290
2047	0	1	81	0	82	6	1	21	4	32	(50)	286
2048	0	0	0	0	0	6	1	26	5	37	37	289
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
NOM	0	3	227	0	230	188	33	792	55	1,068	838	
NPV	0	1	77	0	78	55	13	289	10	367	289	

Discount Rate: 7.54 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **4.69**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	6	0	6	0	12	36	0	0	36	(24)	(24)
2015	11	0	0	0	11	0	0	0	0	11	(13)
2016	12	0	0	0	12	0	0	0	0	12	(3)
2017	12	0	0	0	12	0	0	0	0	12	7
2018	13	0	0	0	13	0	0	0	0	13	17
2019	14	0	0	0	14	0	0	0	0	14	27
2020	15	0	0	0	15	0	0	0	0	15	36
2021	15	0	0	0	15	0	0	0	0	15	45
2022	15	0	0	0	15	0	0	0	0	15	54
2023	16	0	0	0	16	0	0	0	0	16	62
2024	16	0	0	0	16	0	0	0	0	16	69
2025	16	0	6	0	22	47	0	0	47	(25)	58
2026	16	0	0	0	16	0	0	0	0	16	65
2027	17	0	0	0	17	0	0	0	0	17	71
2028	17	0	0	0	17	0	0	0	0	17	78
2029	17	0	0	0	17	0	0	0	0	17	83
2030	18	0	0	0	18	0	0	0	0	18	89
2031	18	0	0	0	18	0	0	0	0	18	94
2032	19	0	0	0	19	0	0	0	0	19	99
2033	20	0	0	0	20	0	0	0	0	20	105
2034	21	0	0	0	21	0	0	0	0	21	110
2035	22	0	0	0	22	0	0	0	0	22	114
2036	23	0	6	0	30	62	0	0	62	(32)	108
2037	24	0	0	0	24	0	0	0	0	24	112
2038	25	0	0	0	25	0	0	0	0	25	117
2039	26	0	0	0	26	0	0	0	0	26	121
2040	27	0	0	0	27	0	0	0	0	27	125
2041	28	0	0	0	28	0	0	0	0	28	129
2042	29	0	0	0	29	0	0	0	0	29	133
2043	30	0	0	0	30	0	0	0	0	30	136
2044	32	0	0	0	32	0	0	0	0	32	140
2045	33	0	0	0	33	0	0	0	0	33	143
2046	34	0	0	0	34	0	0	0	0	34	147
2047	36	0	6	0	42	81	0	0	81	(39)	143
2048	37	0	0	0	37	0	0	0	0	37	146
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	730	0	25	0	755	227	0	0	227	529	
NPV	212	0	11	0	223	77	0	0	77	146	

In Service of Gen Unit: 2019
Discount Rate : 7.54 %
Benefit/Cost Ratio (Col(6) / Col(10)) **2.89**

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	1	6	5	0	12	6	0	0	0	6	(6)	(6)
2015	0	0	0	10	0	10	13	1	0	0	14	4	(3)
2016	0	0	0	10	0	10	20	1	0	0	22	11	7
2017	0	0	0	11	0	11	17	1	0	0	18	8	14
2018	0	0	0	12	0	12	23	1	0	0	24	12	23
2019	0	0	0	13	0	13	39	1	0	0	40	28	42
2020	0	0	0	13	0	13	35	1	0	0	37	24	57
2021	0	0	0	13	0	13	33	1	0	0	34	21	70
2022	0	0	0	14	0	14	32	1	0	0	33	19	81
2023	0	0	0	14	0	14	32	1	0	1	34	20	91
2024	0	0	0	14	0	14	29	1	0	1	30	16	99
2025	0	1	6	14	0	21	35	1	0	1	36	15	106
2026	0	0	0	14	0	14	33	1	0	1	35	21	115
2027	0	0	0	15	0	15	31	1	0	1	33	18	122
2028	0	0	0	15	0	15	35	1	0	1	37	22	130
2029	0	0	0	15	0	15	28	1	0	1	30	15	135
2030	0	0	0	16	0	16	32	1	0	1	34	19	141
2031	0	0	0	16	0	16	33	1	0	1	35	19	147
2032	0	0	0	17	0	17	26	1	0	1	28	11	150
2033	0	0	0	18	0	18	34	1	0	1	36	18	154
2034	0	0	0	18	0	18	26	1	0	2	29	11	157
2035	0	0	0	19	0	19	24	1	0	2	27	8	159
2036	0	1	6	20	0	27	27	1	0	2	30	3	159
2037	0	0	0	21	0	21	28	1	0	2	31	10	161
2038	0	0	0	22	0	22	27	1	0	2	30	8	162
2039	0	0	0	22	0	22	26	1	0	2	29	7	163
2040	0	0	0	23	0	23	25	1	0	3	29	6	164
2041	0	0	0	24	0	24	27	1	0	3	30	7	165
2042	0	0	0	25	0	25	30	1	0	3	33	9	166
2043	0	0	0	26	0	26	29	1	0	3	33	7	167
2044	0	0	0	27	0	27	30	1	0	3	34	7	168
2045	0	0	0	28	0	28	29	1	0	4	34	5	169
2046	0	0	0	29	0	29	27	1	0	4	31	2	169
2047	0	1	6	31	0	38	27	1	0	4	32	(6)	168
2048	0	0	0	32	0	32	32	1	0	5	37	5	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	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
NOM.	0	3	25	635	0	663	980	33	0	55	1,068	405	
NPV	0	1	11	186	0	198	344	13	0	10	367	169	

Discount Rate 7.54 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **1.85**

SCHEDULE CT-6

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	0.39	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	0.51283	kW
(3) kW LINE LOSS PERCENTAGE	7.22	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	1,763.49	kWh
(5) kWh LINE LOSS PERCENTAGE	5.76	%
(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	30	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.58642	
(5) K FACTOR FOR T & D	1.55920	

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	7.54	%
*	(11) UTILITY AFUDC RATE	6.50	%
*	(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	2014	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2017-2019	
(4) BASE YEAR AVOIDED GENERATING COST	776.33	$/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	58.35	$/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	0.065	CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50	%**
(15) GENERATOR CAPACITY FACTOR	56%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.85	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.65	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2014	0	0	0	0	0	0	1	0	0	1
2015	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	1	0	0	1
2020	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	1	0	0	1
2025	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	1	0	0	1
2030	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	1	0	0	1
2035	0	0	0	0	0	0	0	0	0	0
2036	0	0	0	0	0	0	0	0	0	0
2037	0	0	0	0	0	0	0	0	0	0
2038	0	0	0	0	0	0	0	0	0	0
2039	0	0	0	0	0	0	1	0	0	1
2040	0	0	0	0	0	0	0	0	0	0
2041	0	0	0	0	0	0	0	0	0	0
2042	0	0	0	0	0	0	0	0	0	0
2043	0	0	0	0	0	0	0	0	0	0
2044	0	0	0	0	0	0	1	0	0	1
2045	0	0	0	0	0	0	0	0	0	0
2046	0	0	0	0	0	0	0	0	0	0
2047	0	0	0	0	0	0	0	0	0	0
2048	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	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	1	0	1	5	2	6	0	0	6
NPV	0	0	0	0	1	1	2	0	0	2

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	1
2023	0	0	0	0	0	0	0	0	0	0	0	0	1
2024	0	0	0	0	0	0	0	0	0	0	0	0	1
2025	0	0	0	0	0	0	0	0	0	0	0	0	1
2026	0	0	0	0	0	0	0	0	0	0	0	0	1
2027	0	0	0	0	0	0	0	0	0	0	0	1	1
2028	0	0	0	0	0	0	0	0	0	0	0	1	1
2029	0	0	0	0	0	0	0	0	0	0	0	1	1
2030	0	0	0	0	0	0	0	0	0	0	0	1	1
2031	0	0	0	0	0	0	0	0	0	0	0	1	1
2032	0	0	0	0	0	0	0	0	0	0	0	1	1
2033	0	0	0	0	0	0	0	0	0	0	0	1	1
2034	0	0	0	0	0	0	0	0	0	0	0	1	1
2035	0	0	0	0	0	0	0	0	0	0	0	1	1
2036	0	0	0	0	0	0	0	0	0	0	0	1	1
2037	0	0	0	0	0	0	0	0	0	0	0	1	1
2038	0	0	0	0	0	0	0	0	0	0	0	1	1
2039	0	0	0	0	0	0	0	0	(0)	0	0	1	1
2040	0	0	0	0	0	0	0	0	(0)	0	0	1	1
2041	0	0	0	0	0	0	0	0	(0)	0	0	1	1
2042	0	0	0	0	0	0	0	0	(0)	0	0	1	1
2043	0	0	0	0	0	0	0	0	(0)	0	0	1	1
2044	0	0	0	0	0	0	0	0	(0)	0	0	1	1
2045	0	0	0	0	0	0	0	0	(0)	0	0	1	1
2046	0	0	0	0	0	0	0	0	(0)	0	0	1	1
2047	0	0	0	0	0	0	0	0	(0)	0	0	1	1
2048	0	0	0	0	0	(0)	0	0	(0)	0	0	1	1

IN SERVICE COST	($000)	0
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.5%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	5.14	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58642

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE $(000)	SALVAGE TAX RATE $(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) $(000)	ACCUMULATED DEFERRED TAX $(000)
2019	3.75%	0	0	0	0	0	0	0	0	0	0	0	0	(0)
2020	7.22%	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	6.68%	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	6.18%	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	5.71%	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	5.29%	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	4.89%	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	4.52%	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	4.46%	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	4.46%	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	4.46%	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	4.46%	0	0	0	0	0	0	0	0	0	0	0	0	0
2031	4.46%	0	0	0	0	0	0	0	0	0	0	0	0	0
2032	4.46%	0	0	0	0	0	0	0	0	0	0	0	0	0
2033	4.46%	0	0	0	0	0	0	0	0	0	0	0	0	0
2034	4.46%	0	0	0	0	0	0	0	0	0	0	0	0	0
2035	4.46%	0	0	0	0	0	0	0	0	0	0	0	0	0
2036	4.46%	0	0	0	0	0	0	0	0	0	0	0	0	0
2037	4.46%	0	0	0	0	0	0	0	0	0	0	0	0	0
2038	4.46%	0	0	0	0	0	0	0	0	0	0	0	0	0
2039	2.23%	0	0	0	0	0	0	(0)	0	0	0	0	(0)	0
2040	0.00%	0	0	0	0	0	0	(0)	0	0	0	0	(0)	0
2041	0.00%	0	0	0	0	0	0	(0)	0	0	0	0	(0)	0
2042	0.00%	0	0	0	0	0	0	(0)	0	0	0	0	(0)	0
2043	0.00%	0	0	0	0	0	0	(0)	0	0	0	0	(0)	0
2044	0.00%	0	0	0	0	0	0	(0)	0	0	0	0	(0)	0
2045	0.00%	0	0	0	0	0	0	(0)	0	0	0	0	(0)	0
2046	0.00%	0	0	0	0	0	0	(0)	0	0	0	0	(0)	0
2047	0.00%	0	0	0	0	0	0	(0)	0	0	0	0	(0)	0
2048	0.00%	0	0	0	0	0	0	(0)	0	0	0	0	(0)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(0)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	0
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	0	0	0	0	(0)	0	0	0
2020	7.22%	0	0	0	0	0	0	0	0
2021	6.68%	0	0	0	0	0	0	0	0
2022	6.18%	0	0	0	0	0	0	0	0
2023	5.71%	0	0	0	0	0	0	0	0
2024	5.29%	0	0	0	0	0	0	0	0
2025	4.89%	0	0	0	0	0	0	0	0
2026	4.52%	0	0	0	0	0	0	0	0
2027	4.46%	0	0	0	0	0	0	0	0
2028	4.46%	0	0	0	0	0	0	0	0
2029	4.46%	0	0	0	0	0	0	0	0
2030	4.46%	0	0	0	0	0	0	0	0
2031	4.46%	0	0	0	0	0	0	0	0
2032	4.46%	0	0	0	0	0	0	0	0
2033	4.46%	0	0	0	0	0	0	0	0
2034	4.46%	0	0	0	0	0	0	0	0
2035	4.46%	0	0	0	0	0	0	0	0
2036	4.46%	0	0	0	0	0	0	0	0
2037	4.46%	0	0	0	0	0	0	0	0
2038	4.46%	0	0	0	0	0	0	0	0
2039	2.23%	0	(0)	0	0	0	0	0	0
2040	0.00%	0	(0)	0	0	0	0	0	0
2041	0.00%	0	(0)	0	0	0	0	0	0
2042	0.00%	0	(0)	0	0	0	0	0	0
2043	0.00%	0	(0)	0	0	0	0	0	0
2044	0.00%	0	(0)	0	0	0	0	0	0
2045	0.00%	0	(0)	0	0	0	0	0	0
2046	0.00%	0	(0)	0	0	0	0	0	0
2047	0.00%	0	(0)	0	0	0	0	0	0
2048	0.00%	0	(0)	(0)	0	0	0	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)
2014	-5	0.00%	1.000	0.11%	0.83	0.41
2015	-4	3.00%	1.030	0.28%	2.26	1.96
2016	-3	3.00%	1.061	8.69%	71.58	38.88
2017	-2	3.00%	1.093	53.83%	456.61	302.97
2018	-1	3.00%	1.126	37.09%	324.11	693.33
				100.00%	855.39	

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)
2014	-5	0.41	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.86	0.86
2015	-4	1.99	0.04	0.05	0.13	0.16	0.10	0.12	(0.02)	(0.03)	2.39	3.24
2016	-3	39.03	0.76	0.81	2.54	2.70	2.01	2.13	(0.48)	(0.51)	74.12	77.36
2017	-2	305.67	5.95	6.76	19.90	22.60	15.69	17.82	(3.76)	(4.27)	476.51	553.87
2018	-1	715.93	13.99	20.74	46.81	69.41	36.57	54.39	(8.71)	(12.98)	370.93	924.80
				20.74		69.41		54.39		(12.98)		924.80

IN SERVICE YEAR	2019
PLANT COSTS	776.3262845
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	0	0	0
EQUITY AFUDC	0		
DEBT AFUDC	0	0	
CPI			0
TOTAL	0	0	0

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2014	1	1	3.60	4.26	4.22	0.00	1.00	1.00
2015	1	1	4.45	5.56	5.50	0.00	1.00	1.00
2016	1	1	4.92	6.58	6.45	0.00	1.00	1.00
2017	1	1	4.27	5.01	4.96	0.00	1.00	1.00
2018	1	1	5.27	6.36	6.29	0.00	1.00	1.00
2019	1	1	5.38	6.48	6.40	5.05	1.00	1.00
2020	1	1	5.65	6.90	6.80	5.04	1.00	1.00
2021	1	1	5.65	6.83	6.74	5.11	1.00	1.00
2022	1	1	5.60	6.61	6.55	5.07	1.00	1.00
2023	1	1	5.60	6.45	6.40	5.17	1.00	1.00
2024	1	1	5.81	6.64	6.60	5.46	1.00	1.00
2025	1	1	5.98	6.85	6.80	5.61	1.00	1.00
2026	1	1	5.73	6.45	6.41	5.73	1.00	1.00
2027	1	1	6.01	6.87	6.82	6.01	1.00	1.00
2028	1	1	6.07	6.84	6.79	6.10	1.00	1.00
2029	1	1	6.28	7.12	7.07	6.40	1.00	1.00
2030	1	1	6.34	7.06	7.01	6.40	1.00	1.00
2031	1	1	6.57	7.29	7.24	6.72	1.00	1.00
2032	1	1	6.62	7.22	7.18	6.79	1.00	1.00
2033	1	1	6.97	7.65	7.61	7.12	1.00	1.00
2034	1	1	7.05	7.66	7.62	7.32	1.00	1.00
2035	1	1	7.19	7.76	7.73	7.51	1.00	1.00
2036	1	1	7.47	8.08	8.04	7.70	1.00	1.00
2037	1	1	7.68	8.34	8.30	8.03	1.00	1.00
2038	1	1	7.94	8.59	8.55	8.32	1.00	1.00
2039	1	1	8.12	8.74	8.70	8.48	1.00	1.00
2040	1	1	8.35	8.97	8.92	8.85	1.00	1.00
2041	1	1	8.67	9.32	9.28	9.11	1.00	1.00
2042	1	1	8.99	9.70	9.65	9.45	1.00	1.00
2043	1	1	9.27	9.98	9.93	9.80	1.00	1.00
2044	1	1	9.60	10.30	10.26	10.24	1.00	1.00
2045	1	1	9.94	10.65	10.61	10.56	1.00	1.00
2046	1	1	10.25	10.91	10.87	10.91	1.00	1.00
2047	1	1	10.57	11.29	11.24	11.25	1.00	1.00
2048	1	1	11.00	11.76	11.71	11.71	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
	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.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
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	0	0	0	0	0	0
2022	0	0	0	0	0	0
2023	0	0	0	0	0	0
2024	0	0	0	0	0	0
2025	0	0	0	0	0	0
2026	0	0	0	0	0	0
2027	0	0	0	0	0	0
2028	0	0	0	0	0	0
2029	0	0	0	0	0	0
2030	0	0	0	0	0	0
2031	0	0	0	0	0	0
2032	0	0	0	0	0	0
2033	0	0	0	0	0	0
2034	0	0	0	0	0	0
2035	0	0	0	0	0	0
2036	0	0	0	0	0	0
2037	0	0	0	0	0	0
2038	0	0	0	0	0	0
2039	0	0	0	0	0	0
2040	0	0	0	0	0	0
2041	0	0	0	0	0	0
2042	0	0	0	0	0	0
2043	0	0	0	0	0	0
2044	0	0	0	0	0	0
2045	0	0	0	0	0	0
2046	0	0	0	0	0	0
2047	0	0	0	0	0	0
2048	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	1	0	9	9	2
NPV	1	0	0	2	2	1

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2014	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0
2036	0	0	0	0	0	0	0	0
2037	0	0	0	0	0	0	0	0
2038	0	0	0	0	0	0	0	0
2039	0	0	0	0	0	0	0	0
2040	0	0	0	0	0	0	0	0
2041	0	0	0	0	0	0	0	0
2042	0	0	0	0	0	0	0	0
2043	0	0	0	0	0	0	0	0
2044	0	0	0	0	0	0	0	0
2045	0	0	0	0	0	0	0	0
2046	0	0	0	0	0	0	0	0
2047	0	0	0	0	0	0	0	0
2048	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
NOM.	0	0	0	0	0	0	5	0
NPV	0	0	0	0	0	0	2	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT $(000)	(3) REPLACEMENT EMISSION COST $(000)	(4) PROGRAM EMISSION BENEFIT $(000)	(5) OFF-PEAK EMISSION PAYBACK COST $(000)	(6) NET EMISSION BENEFIT $(000)
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	0	0	0	0	0
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	0	0	0
2034	0	0	0	0	0
2035	0	0	0	0	0
2036	0	0	0	0	0
2037	0	0	0	0	0
2038	0	0	0	0	0
2039	0	0	0	0	0
2040	0	0	0	0	0
2041	0	0	0	0	0
2042	0	0	0	0	0
2043	0	0	0	0	0
2044	0	0	0	0	0
2045	0	0	0	0	0
2046	0	0	0	0	0
2047	0	0	0	0	0
2048	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	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	3	1	0	1
NPV	0	1	0	0	0

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	1	0	1	0	0	0	0	0	(1)	(1)
2015	0	0	0	0	0	0	0	0	0	0	0	(1)
2016	0	0	0	0	0	0	0	0	0	0	0	(0)
2017	0	0	0	0	0	0	0	0	0	0	0	(0)
2018	0	0	0	0	0	0	0	0	0	0	0	(0)
2019	0	0	1	0	1	0	0	0	0	0	(1)	(1)
2020	0	0	0	0	0	0	0	0	0	0	0	(0)
2021	0	0	0	0	0	0	0	0	0	0	0	(0)
2022	0	0	0	0	0	0	0	0	0	0	0	(0)
2023	0	0	0	0	0	0	0	0	0	0	0	(0)
2024	0	0	1	0	1	0	0	0	0	0	(1)	(0)
2025	0	0	0	0	0	0	0	0	0	0	0	(0)
2026	0	0	0	0	0	0	0	0	0	0	0	(0)
2027	0	0	0	0	0	0	0	0	0	0	0	(0)
2028	0	0	0	0	0	0	0	0	0	0	0	(0)
2029	0	0	1	0	1	0	0	0	0	0	(1)	(0)
2030	0	0	0	0	0	0	0	0	0	0	0	(0)
2031	0	0	0	0	0	0	0	0	0	0	0	(0)
2032	0	0	0	0	0	0	0	0	0	0	0	(0)
2033	0	0	0	0	0	0	0	0	0	0	0	(0)
2034	0	0	1	0	1	0	0	0	0	0	(1)	(0)
2035	0	0	0	0	0	0	0	0	0	0	0	(0)
2036	0	0	0	0	0	0	0	0	0	0	0	(0)
2037	0	0	0	0	0	0	0	0	0	0	0	(0)
2038	0	0	0	0	0	0	0	0	0	0	0	(0)
2039	0	0	1	0	1	0	0	0	0	0	(1)	(0)
2040	0	0	0	0	0	0	0	0	0	0	0	(0)
2041	0	0	0	0	0	0	0	0	0	0	0	(0)
2042	0	0	0	0	0	0	0	0	0	0	0	(0)
2043	0	0	0	0	0	0	0	0	0	0	0	(0)
2044	0	0	1	0	1	0	0	0	0	0	(1)	(0)
2045	0	0	0	0	0	0	0	0	0	0	0	(0)
2046	0	0	0	0	0	0	0	0	0	0	0	(0)
2047	0	0	0	0	0	0	0	0	0	0	0	(0)
2048	0	0	0	0	0	0	0	0	0	0	0	(0)
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	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	1	6	0	7	2	0	5	1	8	1	
NPV	0	0	2	0	2	1	0	2	0	2	(0)	

Discount Rate: 7.54 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **0.96**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	0	0	0	1	0	0	1	(0)	(0)
2015	0	0	0	0	0	0	0	0	0	0	(0)
2016	0	0	0	0	0	0	0	0	0	0	(0)
2017	0	0	0	0	0	0	0	0	0	0	(0)
2018	0	0	0	0	0	0	0	0	0	0	(0)
2019	0	0	0	0	0	1	0	0	1	(0)	(0)
2020	0	0	0	0	0	0	0	0	0	0	(0)
2021	0	0	0	0	0	0	0	0	0	0	(0)
2022	0	0	0	0	0	0	0	0	0	0	(0)
2023	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	1	0	0	1	(1)	(0)
2025	0	0	0	0	0	0	0	0	0	0	(0)
2026	0	0	0	0	0	0	0	0	0	0	(0)
2027	0	0	0	0	0	0	0	0	0	0	(0)
2028	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	1	0	0	1	(1)	(0)
2030	0	0	0	0	0	0	0	0	0	0	(0)
2031	0	0	0	0	0	0	0	0	0	0	(0)
2032	0	0	0	0	0	0	0	0	0	0	(0)
2033	0	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	1	0	0	1	(1)	(0)
2035	0	0	0	0	0	0	0	0	0	0	(0)
2036	0	0	0	0	0	0	0	0	0	0	(0)
2037	0	0	0	0	0	0	0	0	0	0	0
2038	0	0	0	0	0	0	0	0	0	0	0
2039	0	0	0	0	0	1	0	0	1	(1)	(0)
2040	0	0	0	0	0	0	0	0	0	0	(0)
2041	0	0	0	0	0	0	0	0	0	0	0
2042	0	0	0	0	0	0	0	0	0	0	0
2043	0	0	0	0	0	0	0	0	0	0	0
2044	0	0	0	0	0	1	0	0	1	(1)	0
2045	0	0	0	0	0	0	0	0	0	0	0
2046	0	0	0	0	0	0	0	0	0	0	0
2047	0	0	0	0	0	0	0	0	0	0	0
2048	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	8	0	1	0	8	6	0	0	6	2	
NPV	2	0	0	0	2	2	0	0	2	0	

In Service of Gen Unit: 2019
Discount Rate : 7.54 %
Benefit/Cost Ratio (Col(6) / Col(10)) **1.07**

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	0	0	0	0	0	0	0	0	0	(0)	(0)
2015	0	0	0	0	0	0	0	0	0	0	0	(0)	(0)
2016	0	0	0	0	0	0	0	0	0	0	0	0	(0)
2017	0	0	0	0	0	0	0	0	0	0	0	(0)	(0)
2018	0	0	0	0	0	0	0	0	0	0	0	(0)	(0)
2019	0	0	0	0	0	0	0	0	0	0	0	(0)	(0)
2020	0	0	0	0	0	0	0	0	0	0	0	0	(0)
2021	0	0	0	0	0	0	0	0	0	0	0	0	(0)
2022	0	0	0	0	0	0	0	0	0	0	0	0	(0)
2023	0	0	0	0	0	0	0	0	0	0	0	0	(0)
2024	0	0	0	0	0	0	0	0	0	0	0	(0)	(0)
2025	0	0	0	0	0	0	0	0	0	0	0	0	(0)
2026	0	0	0	0	0	0	0	0	0	0	0	0	(0)
2027	0	0	0	0	0	0	0	0	0	0	0	0	(0)
2028	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	(0)	(0)
2030	0	0	0	0	0	0	0	0	0	0	0	0	(0)
2031	0	0	0	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0	0	(0)	0
2035	0	0	0	0	0	0	0	0	0	0	0	0	0
2036	0	0	0	0	0	0	0	0	0	0	0	0	0
2037	0	0	0	0	0	0	0	0	0	0	0	0	0
2038	0	0	0	0	0	0	0	0	0	0	0	0	0
2039	0	0	0	0	0	0	0	0	0	0	0	(0)	0
2040	0	0	0	0	0	0	0	0	0	0	0	0	0
2041	0	0	0	0	0	0	0	0	0	0	0	0	0
2042	0	0	0	0	0	0	0	0	0	0	0	0	0
2043	0	0	0	0	0	0	0	0	0	0	0	0	0
2044	0	0	0	0	0	0	0	0	0	0	0	(0)	0
2045	0	0	0	0	0	0	0	0	0	0	0	0	0
2046	0	0	0	0	0	0	0	0	0	0	0	0	0
2047	0	0	0	0	0	0	0	0	0	0	0	0	0
2048	0	0	0	0	0	0	0	0	0	0	0	(0)	0
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	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	1	1	7	0	8	7	0	0	1	8	0	
NPV	0	0	0	2	0	2	2	0	0	0	2	0	

Discount Rate 7.54 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **1.01**

SCHEDULE CT-6

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	42.50	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	55.88361	kW
(3) kW LINE LOSS PERCENTAGE	7.22	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	192,192.27	kWh
(5) kWh LINE LOSS PERCENTAGE	5.76	%
(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	30	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.58642	
(5) K FACTOR FOR T & D	1.55920	

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	7.54	%
*	(11) UTILITY AFUDC RATE	6.50	%
*	(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	2014	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2017-2019	
(4) BASE YEAR AVOIDED GENERATING COST	776.33	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90	$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85	$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	58.35	$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50	%**
(10) TRANSMISSION FIXED O & M COST	3.53	$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34	$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50	%**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.065	CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50	%**
(15) GENERATOR CAPACITY FACTOR	56%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.85	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.65	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2014	0	9	0	9	4	3	82	0	0	82
2015	0	0	0	0	8	6	0	0	0	0
2016	0	0	0	0	9	6	0	0	0	0
2017	0	0	0	0	9	7	0	0	0	0
2018	0	0	0	0	10	7	0	0	0	0
2019	0	9	0	9	11	7	93	0	0	93
2020	0	0	0	0	11	8	0	0	0	0
2021	0	0	0	0	11	8	0	0	0	0
2022	0	0	0	0	11	8	0	0	0	0
2023	0	0	0	0	12	8	0	0	0	0
2024	0	9	0	9	12	8	105	0	0	105
2025	0	0	0	0	12	7	0	0	0	0
2026	0	0	0	0	13	7	0	0	0	0
2027	0	0	0	0	13	7	0	0	0	0
2028	0	0	0	0	14	7	0	0	0	0
2029	0	9	0	9	14	7	119	0	0	119
2030	0	0	0	0	15	7	0	0	0	0
2031	0	0	0	0	15	7	0	0	0	0
2032	0	0	0	0	16	8	0	0	0	0
2033	0	0	0	0	17	8	0	0	0	0
2034	0	9	0	9	18	8	135	0	0	135
2035	0	0	0	0	19	8	0	0	0	0
2036	0	0	0	0	20	8	0	0	0	0
2037	0	0	0	0	21	8	0	0	0	0
2038	0	0	0	0	22	8	0	0	0	0
2039	0	9	0	9	23	8	152	0	0	152
2040	0	0	0	0	23	8	0	0	0	0
2041	0	0	0	0	25	8	0	0	0	0
2042	0	0	0	0	26	8	0	0	0	0
2043	0	0	0	0	27	8	0	0	0	0
2044	1	9	0	9	29	8	172	0	0	172
2045	0	0	0	0	30	9	0	0	0	0
2046	0	0	0	0	32	9	0	0	0	0
2047	0	0	0	0	33	9	0	0	0	0
2048	0	0	0	0	35	9	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
NOM	3	61	0	64	617	267	858	0	0	858
NPV	1	26	0	27	169	94	313	0	0	313

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	52	1	0	3	2	1	0	2	0	9	9	9	52
2020	51	1	0	3	1	1	0	2	1	9	8	17	53
2021	48	1	0	3	1	1	0	2	1	9	7	25	54
2022	46	1	0	3	1	1	0	2	1	8	7	31	56
2023	43	1	0	3	1	1	0	2	0	8	6	37	57
2024	41	1	0	3	1	1	0	2	0	8	5	43	58
2025	39	1	0	2	1	1	0	2	0	7	5	47	60
2026	37	1	0	2	1	1	0	2	0	7	4	52	61
2027	35	1	0	2	1	1	0	2	0	7	4	55	63
2028	33	1	0	2	1	1	0	2	0	6	3	59	65
2029	31	1	0	2	1	1	0	2	0	6	3	62	66
2030	29	1	0	2	1	1	0	2	0	6	3	64	68
2031	27	1	0	2	1	1	0	2	0	6	2	67	70
2032	25	1	0	2	1	1	0	2	0	5	2	69	71
2033	23	0	0	1	1	0	0	2	0	5	2	71	73
2034	21	0	0	1	1	0	0	2	0	5	2	72	75
2035	19	0	0	1	1	0	0	2	0	5	1	74	77
2036	17	0	0	1	0	0	0	2	0	4	1	75	79
2037	15	0	0	1	0	0	0	2	0	4	1	76	81
2038	13	0	0	1	0	0	0	2	0	4	1	77	83
2039	11	0	0	1	1	0	0	2	(0)	4	1	78	85
2040	10	0	0	1	1	0	0	2	(1)	3	1	79	87
2041	9	0	0	1	1	0	0	2	(1)	3	1	79	89
2042	8	0	0	0	1	0	0	2	(1)	3	1	80	91
2043	7	0	0	0	1	0	0	2	(1)	3	0	80	93
2044	5	0	0	0	1	0	0	2	(1)	3	0	81	96
2045	4	0	0	0	1	0	0	2	(1)	2	0	81	98
2046	3	0	0	0	1	0	0	2	(1)	2	0	81	101
2047	2	0	0	0	1	0	0	2	(1)	2	0	82	103
2048	1	0	0	0	1	(0)	0	2	(1)	2	0	82	106

IN SERVICE COST	($000)	52
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.5%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	5.14	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58642

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE $(000)	SALVAGE TAX RATE $(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) $(000)	ACCUMULATED DEFERRED TAX $(000)
2019	3.75%	2	2	2	2	2	2	0	3	0	0	0	0	(1)
2020	7.22%	4	6	2	3	2	3	1	3	0	0	0	1	0
2021	6.68%	3	9	2	5	2	5	1	3	0	0	0	1	1
2022	6.18%	3	12	2	7	2	7	1	3	0	0	0	1	1
2023	5.71%	3	15	2	9	2	8	0	3	0	0	0	0	2
2024	5.29%	3	18	2	10	2	10	0	3	0	0	0	0	2
2025	4.89%	2	20	2	12	2	11	0	3	0	0	0	0	3
2026	4.52%	2	22	2	14	2	13	0	3	0	0	0	0	3
2027	4.46%	2	25	2	16	2	15	0	3	0	0	0	0	3
2028	4.46%	2	27	2	17	2	16	0	3	0	0	0	0	3
2029	4.46%	2	29	2	19	2	18	0	3	0	0	0	0	4
2030	4.46%	2	32	2	21	2	20	0	3	0	0	0	0	4
2031	4.46%	2	34	2	22	2	21	0	3	0	0	0	0	4
2032	4.46%	2	36	2	24	2	23	0	3	0	0	0	0	4
2033	4.46%	2	38	2	26	2	24	0	3	0	0	0	0	5
2034	4.46%	2	41	2	28	2	26	0	3	0	0	0	0	5
2035	4.46%	2	43	2	29	2	28	0	3	0	0	0	0	5
2036	4.46%	2	45	2	31	2	29	0	3	0	0	0	0	5
2037	4.46%	2	47	2	33	2	31	0	3	0	0	0	0	6
2038	4.46%	2	50	2	34	2	33	0	3	0	0	0	0	6
2039	2.23%	1	51	2	36	2	34	(0)	3	0	0	0	(0)	6
2040	0.00%	0	51	2	38	2	36	(1)	3	0	0	0	(1)	5
2041	0.00%	0	51	2	40	2	38	(1)	3	0	0	0	(1)	4
2042	0.00%	0	51	2	41	2	39	(1)	3	0	0	0	(1)	4
2043	0.00%	0	51	2	43	2	41	(1)	3	0	0	0	(1)	3
2044	0.00%	0	51	2	45	2	42	(1)	3	0	0	0	(1)	3
2045	0.00%	0	51	2	47	2	44	(1)	3	0	0	0	(1)	2
2046	0.00%	0	51	2	48	2	46	(1)	3	0	0	0	(1)	1
2047	0.00%	0	51	2	50	2	47	(1)	3	0	0	0	(1)	1
2048	0.00%	0	51	2	52	2	49	(1)	3	0	0	0	(1)	0

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

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	2	0	50	2	(1)	52	51	51
2020	7.22%	4	1	48	3	0	51	48	49
2021	6.68%	3	1	47	5	1	48	46	47
2022	6.18%	3	1	45	7	1	46	43	45
2023	5.71%	3	0	43	9	2	43	41	42
2024	5.29%	3	0	41	10	2	41	39	40
2025	4.89%	2	0	40	12	3	39	37	38
2026	4.52%	2	0	38	14	3	37	35	36
2027	4.46%	2	0	36	16	3	35	33	34
2028	4.46%	2	0	34	17	3	33	31	32
2029	4.46%	2	0	33	19	4	31	29	30
2030	4.46%	2	0	31	21	4	29	27	28
2031	4.46%	2	0	29	22	4	27	25	26
2032	4.46%	2	0	28	24	4	25	23	24
2033	4.46%	2	0	26	26	5	23	21	22
2034	4.46%	2	0	24	28	5	21	19	20
2035	4.46%	2	0	22	29	5	19	17	18
2036	4.46%	2	0	21	31	5	17	15	16
2037	4.46%	2	0	19	33	6	15	13	14
2038	4.46%	2	0	17	34	6	13	11	12
2039	2.23%	1	(0)	16	36	6	11	10	11
2040	0.00%	0	(1)	14	38	5	10	9	9
2041	0.00%	0	(1)	12	40	4	9	8	8
2042	0.00%	0	(1)	10	41	4	8	7	7
2043	0.00%	0	(1)	9	43	3	7	5	6
2044	0.00%	0	(1)	7	45	3	5	4	5
2045	0.00%	0	(1)	5	47	2	4	3	4
2046	0.00%	0	(1)	3	48	1	3	2	3
2047	0.00%	0	(1)	2	50	1	2	1	2
2048	0.00%	0	(1)	(0)	52	0	1	0	1

*** Column not specified in workbook**

(1) YEAR	(2) NO.YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING ($/kW)	(7) CUMULATIVE AVERAGE SPENDING ($/kW)
2014	-5	0.00%	1.000	0.11%	0.83	0.41
2015	-4	3.00%	1.030	0.28%	2.26	1.96
2016	-3	3.00%	1.061	8.69%	71.58	38.88
2017	-2	3.00%	1.093	53.83%	456.61	302.97
2018	-1	3.00%	1.126	37.09%	324.11	693.33
				100.00%	855.39	

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)
2014	-5	0.41	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.86	0.86
2015	-4	1.99	0.04	0.05	0.13	0.16	0.10	0.12	(0.02)	(0.03)	2.39	3.24
2016	-3	39.03	0.76	0.81	2.54	2.70	2.01	2.13	(0.48)	(0.51)	74.12	77.36
2017	-2	305.67	5.95	6.76	19.90	22.60	15.69	17.82	(3.76)	(4.27)	476.51	553.87
2018	-1	715.93	13.99	20.74	46.81	69.41	36.57	54.39	(8.71)	(12.98)	370.93	924.80
				20.74		69.41		54.39		(12.98)		924.80

IN SERVICE YEAR	2019
PLANT COSTS	776.3262845
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	48	48	48
EQUITY AFUDC	3		
DEBT AFUDC	1	1	
CPI			3
TOTAL	52	49	51

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2014	1	1	3.60	7.07	3.62	0.00	1.00	1.00
2015	1	1	4.45	7.79	4.47	0.00	1.00	1.00
2016	1	1	4.92	12.20	4.95	0.00	1.00	1.00
2017	1	1	4.27	10.26	4.29	0.00	1.00	1.00
2018	1	1	5.27	13.44	5.29	0.00	1.00	1.00
2019	1	1	5.38	18.72	5.40	5.05	1.00	1.00
2020	1	1	5.65	17.33	5.67	5.04	1.00	1.00
2021	1	1	5.65	16.23	5.67	5.11	1.00	1.00
2022	1	1	5.60	15.12	5.62	5.07	1.00	1.00
2023	1	1	5.60	15.23	5.62	5.17	1.00	1.00
2024	1	1	5.81	13.57	5.83	5.46	1.00	1.00
2025	1	1	5.98	16.84	6.00	5.61	1.00	1.00
2026	1	1	5.73	15.79	5.75	5.73	1.00	1.00
2027	1	1	6.01	14.91	6.03	6.01	1.00	1.00
2028	1	1	6.07	16.89	6.09	6.10	1.00	1.00
2029	1	1	6.28	13.24	6.30	6.40	1.00	1.00
2030	1	1	6.34	15.48	6.36	6.40	1.00	1.00
2031	1	1	6.57	16.10	6.59	6.72	1.00	1.00
2032	1	1	6.62	11.92	6.63	6.79	1.00	1.00
2033	1	1	6.97	16.62	6.98	7.12	1.00	1.00
2034	1	1	7.05	12.50	7.06	7.32	1.00	1.00
2035	1	1	7.19	11.07	7.20	7.51	1.00	1.00
2036	1	1	7.47	12.91	7.48	7.70	1.00	1.00
2037	1	1	7.68	13.42	7.69	8.03	1.00	1.00
2038	1	1	7.94	12.78	7.95	8.32	1.00	1.00
2039	1	1	8.12	12.03	8.13	8.48	1.00	1.00
2040	1	1	8.35	12.08	8.35	8.85	1.00	1.00
2041	1	1	8.67	12.87	8.67	9.11	1.00	1.00
2042	1	1	8.99	14.43	8.99	9.45	1.00	1.00
2043	1	1	9.27	13.94	9.28	9.80	1.00	1.00
2044	1	1	9.60	14.97	9.61	10.24	1.00	1.00
2045	1	1	9.94	14.34	9.95	10.56	1.00	1.00
2046	1	1	10.25	13.01	10.26	10.91	1.00	1.00
2047	1	1	10.57	13.46	10.58	11.25	1.00	1.00
2048	1	1	11.00	16.12	11.01	11.71	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
	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.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
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	9	4	0	11	14	10
2020	9	4	0	19	24	8
2021	9	4	0	19	24	8
2022	8	4	0	20	24	9
2023	8	4	0	21	24	9
2024	8	4	0	22	25	9
2025	7	4	0	22	26	9
2026	7	4	0	22	25	9
2027	7	4	0	23	26	9
2028	6	5	0	24	26	9
2029	6	5	0	25	28	9
2030	6	5	0	26	28	9
2031	6	5	0	27	29	9
2032	5	5	0	28	30	9
2033	5	5	0	29	31	8
2034	5	5	0	30	32	9
2035	5	5	0	31	33	9
2036	4	6	0	32	34	9
2037	4	6	1	34	35	9
2038	4	6	1	35	37	8
2039	4	6	1	36	37	9
2040	3	6	1	38	39	9
2041	3	6	1	39	40	9
2042	3	7	1	40	42	9
2043	3	7	1	42	43	9
2044	3	7	1	44	45	9
2045	2	7	1	45	46	9
2046	2	7	1	47	48	9
2047	2	7	1	48	49	9
2048	2	8	1	50	52	9
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	155	162	14	928	996	262
NPV	57	42	4	222	248	77

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2014	0	0	0	0	0	0	7	0
2015	1	0	2	0	0	0	16	0
2016	1	0	2	0	0	0	26	0
2017	1	0	2	0	0	0	22	0
2018	1	0	1	0	0	0	29	0
2019	1	0	1	0	0	0	41	0
2020	1	0	1	0	0	0	38	0
2021	1	0	1	0	0	0	35	0
2022	1	0	1	0	0	0	33	0
2023	1	0	1	0	0	0	33	0
2024	1	0	1	0	0	0	29	0
2025	1	0	1	0	0	0	37	0
2026	1	0	1	0	0	0	34	0
2027	1	0	1	0	0	0	32	0
2028	1	0	1	0	0	0	37	0
2029	1	0	1	0	0	0	28	0
2030	1	0	1	0	0	0	33	0
2031	1	0	1	0	0	0	35	0
2032	1	0	1	0	0	0	25	0
2033	1	0	1	0	0	0	36	0
2034	1	0	1	0	0	0	26	0
2035	1	0	1	0	0	0	23	0
2036	1	0	1	0	0	0	27	0
2037	1	0	1	0	0	0	28	0
2038	1	0	1	0	0	0	26	0
2039	1	0	1	0	0	0	25	0
2040	1	0	1	0	0	0	25	0
2041	1	0	1	0	0	0	26	0
2042	0	0	1	0	0	0	30	0
2043	0	0	1	0	0	0	29	0
2044	0	0	1	0	0	0	31	0
2045	0	0	1	0	0	0	29	0
2046	0	0	1	0	0	0	26	0
2047	0	0	1	0	0	0	27	0
2048	0	0	1	0	0	0	33	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	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.	27	11	37	3	5	9	1,018	0
NPV	12	3	15	2	2	3	371	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT $(000)	(3) REPLACEMENT EMISSION COST $(000)	(4) PROGRAM EMISSION BENEFIT $(000)	(5) OFF-PEAK EMISSION PAYBACK COST $(000)	(6) NET EMISSION BENEFIT $(000)
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	2	2	1	0	0
2023	3	4	1	0	1
2024	3	4	2	0	1
2025	3	4	2	0	1
2026	3	4	2	0	1
2027	4	5	2	0	1
2028	4	5	2	0	1
2029	4	6	3	0	1
2030	5	6	3	0	1
2031	5	7	3	0	1
2032	6	8	3	0	2
2033	7	9	4	0	2
2034	7	9	4	0	2
2035	8	10	4	0	2
2036	8	11	5	0	2
2037	9	12	5	0	2
2038	10	13	6	0	3
2039	11	14	6	0	3
2040	12	15	7	0	3
2041	13	16	7	0	3
2042	14	18	8	0	4
2043	15	19	8	0	4
2044	16	20	9	0	4
2045	17	22	10	0	4
2046	18	23	10	0	5
2047	19	25	11	0	5
2048	20	26	12	0	5
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	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	244	320	140	0	65
NPV	44	57	25	0	12

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	82	0	82	0	0	7	0	8	(75)	(75)
2015	0	0	0	0	0	0	2	16	0	18	18	(58)
2016	0	0	0	0	0	0	2	26	0	28	28	(33)
2017	0	0	0	0	0	0	2	22	0	24	24	(14)
2018	0	0	0	0	0	0	2	29	0	31	31	9
2019	0	0	93	0	93	10	2	41	0	53	(40)	(19)
2020	0	0	0	0	0	8	2	38	0	48	48	12
2021	0	0	0	0	0	8	2	35	0	45	45	39
2022	0	0	0	0	0	9	2	33	0	43	43	63
2023	0	0	0	0	0	9	2	33	1	44	44	86
2024	0	0	105	0	105	9	2	29	1	40	(66)	55
2025	0	0	0	0	0	9	1	37	1	48	48	76
2026	0	0	0	0	0	9	1	34	1	46	46	95
2027	0	0	0	0	0	9	1	32	1	43	43	112
2028	0	0	0	0	0	9	1	37	1	48	48	129
2029	0	0	119	0	119	9	1	28	1	39	(80)	102
2030	0	0	0	0	0	9	1	33	1	45	45	116
2031	0	0	0	0	0	9	1	35	1	46	46	130
2032	0	0	0	0	0	9	1	25	2	37	37	140
2033	0	0	0	0	0	8	1	36	2	47	47	152
2034	0	0	135	0	135	9	1	26	2	38	(97)	129
2035	0	0	0	0	0	9	1	23	2	35	35	136
2036	0	0	0	0	0	9	1	27	2	39	39	144
2037	0	0	0	0	0	9	1	28	2	40	40	152
2038	0	0	0	0	0	8	1	26	3	39	39	159
2039	0	0	152	0	153	9	1	25	3	38	(115)	140
2040	0	0	0	0	0	9	1	25	3	38	38	146
2041	0	0	0	0	0	9	1	26	3	40	40	151
2042	0	0	0	0	0	9	1	30	4	43	43	157
2043	0	0	0	0	0	9	1	29	4	42	42	162
2044	0	1	172	0	173	9	1	31	4	45	(128)	148
2045	0	0	0	0	0	9	1	29	4	44	44	152
2046	0	0	0	0	0	9	1	26	5	41	41	156
2047	0	0	0	0	0	9	1	27	5	42	42	160
2048	0	0	0	0	0	9	1	33	5	48	48	164
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
NOM	0	3	858	0	861	262	46	1,018	65	1,391	531	
NPV	0	1	313	0	314	77	19	371	12	478	164	

Discount Rate: 7.54 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **1.52**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	9	0	9	0	17	82	0	0	82	(65)	(65)
2015	16	0	0	0	16	0	0	0	0	16	(49)
2016	17	0	0	0	17	0	0	0	0	17	(35)
2017	17	0	0	0	17	0	0	0	0	17	(21)
2018	19	0	0	0	19	0	0	0	0	19	(7)
2019	20	0	9	0	29	93	0	0	93	(64)	(52)
2020	21	0	0	0	21	0	0	0	0	21	(38)
2021	21	0	0	0	21	0	0	0	0	21	(26)
2022	22	0	0	0	22	0	0	0	0	22	(13)
2023	22	0	0	0	22	0	0	0	0	22	(2)
2024	22	0	9	0	31	105	0	0	105	(74)	(38)
2025	22	0	0	0	22	0	0	0	0	22	(28)
2026	23	0	0	0	23	0	0	0	0	23	(18)
2027	23	0	0	0	23	0	0	0	0	23	(9)
2028	24	0	0	0	24	0	0	0	0	24	(1)
2029	24	0	9	0	33	119	0	0	119	(86)	(30)
2030	25	0	0	0	25	0	0	0	0	25	(22)
2031	25	0	0	0	25	0	0	0	0	25	(14)
2032	27	0	0	0	27	0	0	0	0	27	(7)
2033	28	0	0	0	28	0	0	0	0	28	(0)
2034	29	0	9	0	38	135	0	0	135	(96)	(23)
2035	30	0	0	0	30	0	0	0	0	30	(16)
2036	32	0	0	0	32	0	0	0	0	32	(10)
2037	33	0	0	0	33	0	0	0	0	33	(3)
2038	34	0	0	0	34	0	0	0	0	34	3
2039	35	0	9	0	44	152	0	0	152	(108)	(15)
2040	36	0	0	0	36	0	0	0	0	36	(9)
2041	38	0	0	0	38	0	0	0	0	38	(4)
2042	39	0	0	0	39	0	0	0	0	39	1
2043	41	0	0	0	41	0	0	0	0	41	6
2044	43	0	9	0	52	172	0	0	172	(120)	(7)
2045	45	0	0	0	45	0	0	0	0	45	(3)
2046	47	0	0	0	47	0	0	0	0	47	2
2047	49	0	0	0	49	0	0	0	0	49	6
2048	51	0	0	0	51	0	0	0	0	51	11
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
NOM	1,011	0	61	0	1,072	858	0	0	858	214	
NPV	297	0	26	0	324	313	0	0	313	11	

In Service of Gen Unit: 2019
Discount Rate : 7.54 %
Benefit/Cost Ratio (Col(6) / Col(10)) **1.03**

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	9	8	0	17	7	0	0	0	8	(9)	(9)
2015	0	0	0	15	0	15	16	2	0	0	18	4	(6)
2016	0	0	0	15	0	15	26	2	0	0	28	13	6
2017	0	0	0	16	0	16	22	2	0	0	24	8	12
2018	0	0	0	17	0	17	29	2	0	0	31	14	23
2019	0	0	9	18	0	27	51	2	0	0	53	26	41
2020	0	0	0	18	0	18	46	2	0	0	48	30	60
2021	0	0	0	19	0	19	43	2	0	0	45	26	76
2022	0	0	0	20	0	20	41	2	0	0	43	24	89
2023	0	0	0	19	0	19	42	2	0	1	44	25	102
2024	0	0	9	20	0	29	38	2	0	1	40	11	107
2025	0	0	0	20	0	20	45	1	0	1	48	28	120
2026	0	0	0	20	0	20	43	1	0	1	46	25	130
2027	0	0	0	21	0	21	41	1	0	1	43	23	139
2028	0	0	0	21	0	21	46	1	0	1	48	27	149
2029	0	0	9	21	0	31	37	1	0	1	39	9	152
2030	0	0	0	22	0	22	42	1	0	1	45	23	159
2031	0	0	0	22	0	22	43	1	0	1	46	24	166
2032	0	0	0	23	0	23	34	1	0	2	37	13	170
2033	0	0	0	25	0	25	44	1	0	2	47	22	175
2034	0	0	9	26	0	35	35	1	0	2	38	3	176
2035	0	0	0	26	0	26	32	1	0	2	35	8	178
2036	0	0	0	28	0	28	36	1	0	2	39	11	180
2037	0	0	0	29	0	29	37	1	0	2	40	11	182
2038	0	0	0	30	0	30	35	1	0	3	39	9	184
2039	0	0	9	31	0	40	34	1	0	3	38	(2)	184
2040	0	0	0	32	0	32	33	1	0	3	38	6	184
2041	0	0	0	33	0	33	35	1	0	3	40	7	185
2042	0	0	0	34	0	34	39	1	0	4	43	9	187
2043	0	0	0	36	0	36	37	1	0	4	42	7	187
2044	0	1	9	37	0	46	39	1	0	4	45	(2)	187
2045	0	0	0	39	0	39	38	1	0	4	44	5	188
2046	0	0	0	40	0	40	35	1	0	5	41	1	188
2047	0	0	0	42	0	42	36	1	0	5	42	0	188
2048	0	0	0	44	0	44	42	1	0	5	48	5	188
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
NOM.	0	3	61	885	0	948	1,281	46	0	65	1,391	443	
NPV	0	1	26	263	0	290	448	19	0	12	478	188	

Discount Rate 7.54 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **1.65**

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	7.98	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	10.48664	kW
(3) kW LINE LOSS PERCENTAGE	7.22	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	36,064.63	kWh
(5) kWh LINE LOSS PERCENTAGE	5.76	%
(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	30	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.58642	
(5) K FACTOR FOR T & D	1.55920	

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	7.54	%
*	(11) UTILITY AFUDC RATE	6.50	%
*	(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	2014	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2017-2019	
(4) BASE YEAR AVOIDED GENERATING COST	776.33	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90	$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85	$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	58.35	$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50	%**
(10) TRANSMISSION FIXED O & M COST	3.53	$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34	$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50	%**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.065	CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50	%**
(15) GENERATOR CAPACITY FACTOR	56%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.85	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.65	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2014	0	2	0	2	1	1	7	0	0	7
2015	0	0	0	0	2	1	0	0	0	0
2016	0	0	0	0	2	1	0	0	0	0
2017	0	0	0	0	2	1	0	0	0	0
2018	0	0	0	0	2	1	0	0	0	0
2019	0	2	0	2	2	1	7	0	0	7
2020	0	0	0	0	2	1	0	0	0	0
2021	0	0	0	0	2	1	0	0	0	0
2022	0	0	0	0	2	1	0	0	0	0
2023	0	0	0	0	2	1	0	0	0	0
2024	0	2	0	2	3	1	8	0	0	8
2025	0	0	0	0	3	1	0	0	0	0
2026	0	0	0	0	3	1	0	0	0	0
2027	0	0	0	0	3	1	0	0	0	0
2028	0	0	0	0	3	1	0	0	0	0
2029	0	2	0	2	3	1	9	0	0	9
2030	0	0	0	0	3	1	0	0	0	0
2031	0	0	0	0	3	1	0	0	0	0
2032	0	0	0	0	3	1	0	0	0	0
2033	0	0	0	0	3	1	0	0	0	0
2034	0	2	0	2	4	1	11	0	0	11
2035	0	0	0	0	4	1	0	0	0	0
2036	0	0	0	0	4	1	0	0	0	0
2037	0	0	0	0	4	1	0	0	0	0
2038	0	0	0	0	4	1	0	0	0	0
2039	0	2	0	2	5	1	12	0	0	12
2040	0	0	0	0	5	1	0	0	0	0
2041	0	0	0	0	5	1	0	0	0	0
2042	0	0	0	0	5	1	0	0	0	0
2043	0	0	0	0	5	1	0	0	0	0
2044	0	2	0	2	6	1	14	0	0	14
2045	0	0	0	0	6	1	0	0	0	0
2046	0	0	0	0	6	1	0	0	0	0
2047	0	0	0	0	7	1	0	0	0	0
2048	0	0	0	0	7	1	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	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	11	0	13	124	44	68	0	0	68
NPV	1	5	0	6	34	15	25	0	0	25

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	10	0	0	1	0	0	0	0	0	2	2	2	10
2020	9	0	0	1	0	0	0	0	0	2	2	3	10
2021	9	0	0	1	0	0	0	0	0	2	1	5	10
2022	9	0	0	1	0	0	0	0	0	2	1	6	10
2023	8	0	0	1	0	0	0	0	0	1	1	7	11
2024	8	0	0	0	0	0	0	0	0	1	1	8	11
2025	7	0	0	0	0	0	0	0	0	1	1	9	11
2026	7	0	0	0	0	0	0	0	0	1	1	10	12
2027	7	0	0	0	0	0	0	0	0	1	1	10	12
2028	6	0	0	0	0	0	0	0	0	1	1	11	12
2029	6	0	0	0	0	0	0	0	0	1	1	12	12
2030	5	0	0	0	0	0	0	0	0	1	1	12	13
2031	5	0	0	0	0	0	0	0	0	1	0	13	13
2032	5	0	0	0	0	0	0	0	0	1	0	13	13
2033	4	0	0	0	0	0	0	0	0	1	0	13	14
2034	4	0	0	0	0	0	0	0	0	1	0	14	14
2035	4	0	0	0	0	0	0	0	0	1	0	14	14
2036	3	0	0	0	0	0	0	0	0	1	0	14	15
2037	3	0	0	0	0	0	0	0	0	1	0	14	15
2038	3	0	0	0	0	0	0	0	0	1	0	14	16
2039	2	0	0	0	0	0	0	0	(0)	1	0	15	16
2040	2	0	0	0	0	0	0	0	(0)	1	0	15	16
2041	2	0	0	0	0	0	0	0	(0)	1	0	15	17
2042	1	0	0	0	0	0	0	0	(0)	1	0	15	17
2043	1	0	0	0	0	0	0	0	(0)	1	0	15	18
2044	1	0	0	0	0	0	0	0	(0)	0	0	15	18
2045	1	0	0	0	0	0	0	0	(0)	0	0	15	18
2046	1	0	0	0	0	0	0	0	(0)	0	0	15	19
2047	0	0	0	0	0	0	0	0	(0)	0	0	15	19
2048	0	0	0	0	0	(0)	0	0	(0)	0	0	15	20

IN SERVICE COST	($000)	10
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.5%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	5.14	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58642

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE $(000)	SALVAGE TAX RATE $(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) $(000)	ACCUMULATED DEFERRED TAX $(000)
2019	3.75%	0	0	0	0	0	0	0	1	0	0	0	0	(0)
2020	7.22%	1	1	0	1	0	1	0	1	0	0	0	0	0
2021	6.68%	1	2	0	1	0	1	0	1	0	0	0	0	0
2022	6.18%	1	2	0	1	0	1	0	1	0	0	0	0	0
2023	5.71%	1	3	0	2	0	2	0	1	0	0	0	0	0
2024	5.29%	1	3	0	2	0	2	0	1	0	0	0	0	0
2025	4.89%	0	4	0	2	0	2	0	1	0	0	0	0	0
2026	4.52%	0	4	0	3	0	2	0	1	0	0	0	0	1
2027	4.46%	0	5	0	3	0	3	0	1	0	0	0	0	1
2028	4.46%	0	5	0	3	0	3	0	1	0	0	0	0	1
2029	4.46%	0	5	0	4	0	3	0	1	0	0	0	0	1
2030	4.46%	0	6	0	4	0	4	0	1	0	0	0	0	1
2031	4.46%	0	6	0	4	0	4	0	1	0	0	0	0	1
2032	4.46%	0	7	0	5	0	4	0	1	0	0	0	0	1
2033	4.46%	0	7	0	5	0	5	0	1	0	0	0	0	1
2034	4.46%	0	8	0	5	0	5	0	1	0	0	0	0	1
2035	4.46%	0	8	0	5	0	5	0	1	0	0	0	0	1
2036	4.46%	0	8	0	6	0	6	0	1	0	0	0	0	1
2037	4.46%	0	9	0	6	0	6	0	1	0	0	0	0	1
2038	4.46%	0	9	0	6	0	6	0	1	0	0	0	0	1
2039	2.23%	0	10	0	7	0	6	(0)	1	0	0	0	(0)	1
2040	0.00%	0	10	0	7	0	7	(0)	1	0	0	0	(0)	1
2041	0.00%	0	10	0	7	0	7	(0)	1	0	0	0	(0)	1
2042	0.00%	0	10	0	8	0	7	(0)	1	0	0	0	(0)	1
2043	0.00%	0	10	0	8	0	8	(0)	1	0	0	0	(0)	1
2044	0.00%	0	10	0	8	0	8	(0)	1	0	0	0	(0)	0
2045	0.00%	0	10	0	9	0	8	(0)	1	0	0	0	(0)	0
2046	0.00%	0	10	0	9	0	9	(0)	1	0	0	0	(0)	0
2047	0.00%	0	10	0	9	0	9	(0)	1	0	0	0	(0)	0
2048	0.00%	0	10	0	10	0	9	(0)	1	0	0	0	(0)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(0)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	1
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	0	0	9	0	(0)	10	9	10
2020	7.22%	1	0	9	1	0	9	9	9
2021	6.68%	1	0	9	1	0	9	9	9
2022	6.18%	1	0	8	1	0	9	8	8
2023	5.71%	1	0	8	2	0	8	8	8
2024	5.29%	1	0	8	2	0	8	7	8
2025	4.89%	0	0	7	2	0	7	7	7
2026	4.52%	0	0	7	3	1	7	7	7
2027	4.46%	0	0	7	3	1	7	6	6
2028	4.46%	0	0	6	3	1	6	6	6
2029	4.46%	0	0	6	4	1	6	5	6
2030	4.46%	0	0	6	4	1	5	5	5
2031	4.46%	0	0	5	4	1	5	5	5
2032	4.46%	0	0	5	5	1	5	4	5
2033	4.46%	0	0	5	5	1	4	4	4
2034	4.46%	0	0	5	5	1	4	4	4
2035	4.46%	0	0	4	5	1	4	3	3
2036	4.46%	0	0	4	6	1	3	3	3
2037	4.46%	0	0	4	6	1	3	3	3
2038	4.46%	0	0	3	6	1	3	2	2
2039	2.23%	0	(0)	3	7	1	2	2	2
2040	0.00%	0	(0)	3	7	1	2	2	2
2041	0.00%	0	(0)	2	7	1	2	1	2
2042	0.00%	0	(0)	2	8	1	1	1	1
2043	0.00%	0	(0)	2	8	1	1	1	1
2044	0.00%	0	(0)	1	8	0	1	1	1
2045	0.00%	0	(0)	1	9	0	1	1	1
2046	0.00%	0	(0)	1	9	0	1	0	1
2047	0.00%	0	(0)	0	9	0	0	0	0
2048	0.00%	0	(0)	(0)	10	0	0	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)
2014	-5	0.00%	1.000	0.11%	0.83	0.41
2015	-4	3.00%	1.030	0.28%	2.26	1.96
2016	-3	3.00%	1.061	8.69%	71.58	38.88
2017	-2	3.00%	1.093	53.83%	456.61	302.97
2018	-1	3.00%	1.126	37.09%	324.11	693.33
				100.00%	855.39	

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)
2014	-5	0.41	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.86	0.86
2015	-4	1.99	0.04	0.05	0.13	0.16	0.10	0.12	(0.02)	(0.03)	2.39	3.24
2016	-3	39.03	0.76	0.81	2.54	2.70	2.01	2.13	(0.48)	(0.51)	74.12	77.36
2017	-2	305.67	5.95	6.76	19.90	22.60	15.69	17.82	(3.76)	(4.27)	476.51	553.87
2018	-1	715.93	13.99	20.74	46.81	69.41	36.57	54.39	(8.71)	(12.98)	370.93	924.80
				20.74		69.41		54.39		(12.98)		924.80

IN SERVICE YEAR	2019
PLANT COSTS	776.3262845
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	9	9	9
EQUITY AFUDC	1		
DEBT AFUDC	0	0	
CPI			1
TOTAL	10	9	10

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2014	1	1	3.60	6.56	3.66	0.00	1.00	1.00
2015	1	1	4.45	6.96	4.56	0.00	1.00	1.00
2016	1	1	4.92	11.54	5.05	0.00	1.00	1.00
2017	1	1	4.27	8.85	4.34	0.00	1.00	1.00
2018	1	1	5.27	13.32	5.36	0.00	1.00	1.00
2019	1	1	5.38	14.12	5.47	5.05	1.00	1.00
2020	1	1	5.65	13.90	5.75	5.04	1.00	1.00
2021	1	1	5.65	13.92	5.75	5.11	1.00	1.00
2022	1	1	5.60	12.94	5.69	5.07	1.00	1.00
2023	1	1	5.60	11.70	5.68	5.17	1.00	1.00
2024	1	1	5.81	11.30	5.89	5.46	1.00	1.00
2025	1	1	5.98	12.09	6.07	5.61	1.00	1.00
2026	1	1	5.73	10.19	5.81	5.73	1.00	1.00
2027	1	1	6.01	11.97	6.11	6.01	1.00	1.00
2028	1	1	6.07	10.43	6.16	6.10	1.00	1.00
2029	1	1	6.28	10.47	6.38	6.40	1.00	1.00
2030	1	1	6.34	9.99	6.43	6.40	1.00	1.00
2031	1	1	6.57	10.71	6.65	6.72	1.00	1.00
2032	1	1	6.62	9.10	6.68	6.79	1.00	1.00
2033	1	1	6.97	10.94	7.02	7.12	1.00	1.00
2034	1	1	7.05	9.56	7.10	7.32	1.00	1.00
2035	1	1	7.19	9.23	7.24	7.51	1.00	1.00
2036	1	1	7.47	9.97	7.51	7.70	1.00	1.00
2037	1	1	7.68	10.45	7.74	8.03	1.00	1.00
2038	1	1	7.94	10.48	7.99	8.32	1.00	1.00
2039	1	1	8.12	10.32	8.17	8.48	1.00	1.00
2040	1	1	8.35	10.60	8.40	8.85	1.00	1.00
2041	1	1	8.67	11.07	8.71	9.11	1.00	1.00
2042	1	1	8.99	11.86	9.04	9.45	1.00	1.00
2043	1	1	9.27	11.94	9.32	9.80	1.00	1.00
2044	1	1	9.60	12.56	9.65	10.24	1.00	1.00
2045	1	1	9.94	12.62	10.00	10.56	1.00	1.00
2046	1	1	10.25	12.45	10.30	10.91	1.00	1.00
2047	1	1	10.57	13.04	10.62	11.25	1.00	1.00
2048	1	1	11.00	14.14	11.06	11.71	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
	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.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
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	2	1	0	2	3	2
2020	2	1	0	4	4	2
2021	2	1	0	4	4	2
2022	2	1	0	4	4	2
2023	1	1	0	4	5	2
2024	1	1	0	4	5	2
2025	1	1	0	4	5	2
2026	1	1	0	4	5	2
2027	1	1	0	4	5	2
2028	1	1	0	5	5	2
2029	1	1	0	5	5	2
2030	1	1	0	5	5	2
2031	1	1	0	5	5	2
2032	1	1	0	5	6	2
2033	1	1	0	5	6	2
2034	1	1	0	6	6	2
2035	1	1	0	6	6	2
2036	1	1	0	6	6	2
2037	1	1	0	6	7	2
2038	1	1	0	7	7	2
2039	1	1	0	7	7	2
2040	1	1	0	7	7	2
2041	1	1	0	7	8	2
2042	1	1	0	8	8	2
2043	1	1	0	8	8	2
2044	0	1	0	8	8	2
2045	0	1	0	8	9	2
2046	0	1	0	9	9	2
2047	0	1	0	9	9	2
2048	0	1	0	9	10	2
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	29	30	3	174	187	49
NPV	11	8	1	42	47	14

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2014	0	0	0	0	0	0	1	0
2015	0	0	0	0	0	0	3	0
2016	0	0	0	0	0	0	5	0
2017	0	0	0	0	0	0	4	0
2018	0	0	0	0	0	0	5	0
2019	0	0	0	0	0	0	6	0
2020	0	0	0	0	0	0	6	0
2021	0	0	0	0	0	0	6	0
2022	0	0	0	0	0	0	5	0
2023	0	0	0	0	0	0	5	0
2024	0	0	0	0	0	0	4	0
2025	0	0	0	0	0	0	5	0
2026	0	0	0	0	0	0	4	0
2027	0	0	0	0	0	0	5	0
2028	0	0	0	0	0	0	4	0
2029	0	0	0	0	0	0	4	0
2030	0	0	0	0	0	0	4	0
2031	0	0	0	0	0	0	4	0
2032	0	0	0	0	0	0	3	0
2033	0	0	0	0	0	0	4	0
2034	0	0	0	0	0	0	4	0
2035	0	0	0	0	0	0	3	0
2036	0	0	0	0	0	0	4	0
2037	0	0	0	0	0	0	4	0
2038	0	0	0	0	0	0	4	0
2039	0	0	0	0	0	0	4	0
2040	0	0	0	0	0	0	4	0
2041	0	0	0	0	0	0	4	0
2042	0	0	0	0	0	0	4	0
2043	0	0	0	0	0	0	5	0
2044	0	0	0	0	0	0	5	0
2045	0	0	0	0	0	0	5	0
2046	0	0	0	0	0	0	5	0
2047	0	0	0	0	0	0	5	0
2048	0	0	0	0	0	0	5	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
NOM.	5	2	7	1	1	2	151	0
NPV	2	1	3	0	0	1	55	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

	(2)	(3)	(4)	(5)	(6)
YEAR	AVOIDED GEN UNIT EMISSION BENEFIT $(000)	REPLACEMENT EMISSION COST $(000)	PROGRAM EMISSION BENEFIT $(000)	OFF-PEAK EMISSION PAYBACK COST $(000)	NET EMISSION BENEFIT $(000)
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	1	1	0	0	0
2024	1	1	0	0	0
2025	1	1	0	0	0
2026	1	1	0	0	0
2027	1	1	0	0	0
2028	1	1	0	0	0
2029	1	1	0	0	0
2030	1	1	1	0	0
2031	1	1	1	0	0
2032	1	1	1	0	0
2033	1	2	1	0	0
2034	1	2	1	0	0
2035	1	2	1	0	0
2036	2	2	1	0	0
2037	2	2	1	0	0
2038	2	2	1	0	0
2039	2	3	1	0	1
2040	2	3	1	0	1
2041	2	3	1	0	1
2042	3	3	1	0	1
2043	3	4	2	0	1
2044	3	4	2	0	1
2045	3	4	2	0	1
2046	3	4	2	0	1
2047	4	5	2	0	1
2048	4	5	2	0	1
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	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	46	60	26	0	12
NPV	8	11	5	0	2

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	7	0	7	0	0	1	0	1	(5)	(5)
2015	0	0	0	0	0	0	0	3	0	3	3	(3)
2016	0	0	0	0	0	0	0	5	0	5	5	2
2017	0	0	0	0	0	0	0	4	0	4	4	5
2018	0	0	0	0	0	0	0	5	0	6	6	9
2019	0	0	7	0	8	2	0	6	0	8	0	9
2020	0	0	0	0	0	2	0	6	0	8	8	14
2021	0	0	0	0	0	2	0	6	0	7	7	19
2022	0	0	0	0	0	2	0	5	0	7	7	23
2023	0	0	0	0	0	2	0	5	0	7	7	26
2024	0	0	8	0	9	2	0	4	0	6	(2)	25
2025	0	0	0	0	0	2	0	5	0	7	7	28
2026	0	0	0	0	0	2	0	4	0	6	6	31
2027	0	0	0	0	0	2	0	5	0	7	7	34
2028	0	0	0	0	0	2	0	4	0	6	6	36
2029	0	0	9	0	10	2	0	4	0	6	(4)	35
2030	0	0	0	0	0	2	0	4	0	6	6	37
2031	0	0	0	0	0	2	0	4	0	6	6	38
2032	0	0	0	0	0	2	0	3	0	6	6	40
2033	0	0	0	0	0	2	0	4	0	6	6	41
2034	0	0	11	0	11	2	0	4	0	6	(5)	40
2035	0	0	0	0	0	2	0	3	0	6	6	42
2036	0	0	0	0	0	2	0	4	0	6	6	43
2037	0	0	0	0	0	2	0	4	0	6	6	44
2038	0	0	0	0	0	2	0	4	0	6	6	45
2039	0	0	12	0	12	2	0	4	1	6	(6)	44
2040	0	0	0	0	0	2	0	4	1	6	6	45
2041	0	0	0	0	0	2	0	4	1	7	7	46
2042	0	0	0	0	0	2	0	4	1	7	7	47
2043	0	0	0	0	0	2	0	5	1	7	7	48
2044	0	0	14	0	14	2	0	5	1	7	(7)	47
2045	0	0	0	0	0	2	0	5	1	7	7	48
2046	0	0	0	0	0	2	0	5	1	7	7	48
2047	0	0	0	0	0	2	0	5	1	8	8	49
2048	0	0	0	0	0	2	0	5	1	8	8	50
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	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	2	68	0	70	49	9	151	12	221	151	
NPV	0	1	25	0	26	14	3	55	2	75	50	

Discount Rate: 7.54 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **2.95**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	2	0	2	0	3	7	0	0	7	(3)	(3)
2015	3	0	0	0	3	0	0	0	0	3	(0)
2016	3	0	0	0	3	0	0	0	0	3	2
2017	3	0	0	0	3	0	0	0	0	3	5
2018	4	0	0	0	4	0	0	0	0	4	8
2019	4	0	2	0	5	7	0	0	7	(2)	6
2020	4	0	0	0	4	0	0	0	0	4	9
2021	4	0	0	0	4	0	0	0	0	4	11
2022	4	0	0	0	4	0	0	0	0	4	14
2023	4	0	0	0	4	0	0	0	0	4	16
2024	4	0	2	0	6	8	0	0	8	(2)	15
2025	4	0	0	0	4	0	0	0	0	4	17
2026	4	0	0	0	4	0	0	0	0	4	18
2027	4	0	0	0	4	0	0	0	0	4	20
2028	5	0	0	0	5	0	0	0	0	5	22
2029	5	0	2	0	6	9	0	0	9	(3)	21
2030	5	0	0	0	5	0	0	0	0	5	22
2031	5	0	0	0	5	0	0	0	0	5	24
2032	5	0	0	0	5	0	0	0	0	5	25
2033	5	0	0	0	5	0	0	0	0	5	26
2034	6	0	2	0	7	11	0	0	11	(3)	26
2035	6	0	0	0	6	0	0	0	0	6	27
2036	6	0	0	0	6	0	0	0	0	6	28
2037	6	0	0	0	6	0	0	0	0	6	29
2038	7	0	0	0	7	0	0	0	0	7	31
2039	7	0	2	0	8	12	0	0	12	(4)	30
2040	7	0	0	0	7	0	0	0	0	7	31
2041	7	0	0	0	7	0	0	0	0	7	32
2042	8	0	0	0	8	0	0	0	0	8	33
2043	8	0	0	0	8	0	0	0	0	8	34
2044	8	0	2	0	10	14	0	0	14	(4)	33
2045	9	0	0	0	9	0	0	0	0	9	34
2046	9	0	0	0	9	0	0	0	0	9	35
2047	9	0	0	0	9	0	0	0	0	9	36
2048	10	0	0	0	10	0	0	0	0	10	37
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	194	0	11	0	205	68	0	0	68	137	
NPV	57	0	5	0	62	25	0	0	25	37	

In Service of Gen Unit: 2019
Discount Rate : 7.54 %
Benefit/Cost Ratio (Col(6) / Col(10)) **2.48**

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	2	1	0	3	1	0	0	0	1	(2)	(2)
2015	0	0	0	3	0	3	3	0	0	0	3	0	(2)
2016	0	0	0	3	0	3	5	0	0	0	5	2	0
2017	0	0	0	3	0	3	4	0	0	0	4	1	1
2018	0	0	0	3	0	3	5	0	0	0	6	3	3
2019	0	0	2	3	0	5	8	0	0	0	8	3	5
2020	0	0	0	3	0	3	7	0	0	0	8	4	7
2021	0	0	0	4	0	4	7	0	0	0	7	4	10
2022	0	0	0	4	0	4	7	0	0	0	7	4	12
2023	0	0	0	4	0	4	6	0	0	0	7	3	13
2024	0	0	2	4	0	6	6	0	0	0	6	1	14
2025	0	0	0	4	0	4	6	0	0	0	7	3	15
2026	0	0	0	4	0	4	6	0	0	0	6	2	16
2027	0	0	0	4	0	4	6	0	0	0	7	3	17
2028	0	0	0	4	0	4	6	0	0	0	6	2	18
2029	0	0	2	4	0	6	6	0	0	0	6	0	18
2030	0	0	0	4	0	4	6	0	0	0	6	2	19
2031	0	0	0	4	0	4	6	0	0	0	6	2	19
2032	0	0	0	4	0	4	5	0	0	0	6	1	20
2033	0	0	0	5	0	5	6	0	0	0	6	2	20
2034	0	0	2	5	0	7	5	0	0	0	6	(1)	20
2035	0	0	0	5	0	5	5	0	0	0	6	1	20
2036	0	0	0	5	0	5	5	0	0	0	6	1	20
2037	0	0	0	6	0	6	6	0	0	0	6	1	20
2038	0	0	0	6	0	6	6	0	0	0	6	1	20
2039	0	0	2	6	0	8	6	0	0	1	6	(1)	20
2040	0	0	0	6	0	6	6	0	0	1	6	0	20
2041	0	0	0	6	0	6	6	0	0	1	7	0	20
2042	0	0	0	6	0	6	6	0	0	1	7	1	20
2043	0	0	0	7	0	7	6	0	0	1	7	0	20
2044	0	0	2	7	0	9	6	0	0	1	7	(2)	20
2045	0	0	0	7	0	7	6	0	0	1	7	0	20
2046	0	0	0	8	0	8	6	0	0	1	7	(0)	20
2047	0	0	0	8	0	8	7	0	0	1	8	(0)	20
2048	0	0	0	8	0	8	7	0	0	1	8	(0)	20
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	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	2	11	168	0	181	200	9	0	12	221	39	
NPV	0	1	5	50	0	55	70	3	0	2	75	20	

Discount Rate 7.54 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **1.36**

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	45.97	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	60.45302	kW
(3) kW LINE LOSS PERCENTAGE	7.22	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	243,907.66	kWh
(5) kWh LINE LOSS PERCENTAGE	5.76	%
(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	30	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.58642	
(5) K FACTOR FOR T & D	1.55920	

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	7.54	%
*	(11) UTILITY AFUDC RATE	6.50	%
*	(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	2014	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2017-2019	
(4) BASE YEAR AVOIDED GENERATING COST	776.33	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90	$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85	$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	58.35	$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50	%**
(10) TRANSMISSION FIXED O & M COST	3.53	$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34	$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50	%**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.065	CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50	%**
(15) GENERATOR CAPACITY FACTOR	56%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.85	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.65	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2014	0	9	0	10	6	4	107	0	0	107
2015	0	0	0	0	11	7	0	0	0	0
2016	0	0	0	0	11	7	0	0	0	0
2017	0	0	0	0	11	7	0	0	0	0
2018	0	0	0	0	12	7	0	0	0	0
2019	0	0	0	0	14	8	0	0	0	0
2020	0	0	0	0	14	8	0	0	0	0
2021	0	0	0	0	14	9	0	0	0	0
2022	0	0	0	0	14	9	0	0	0	0
2023	0	0	0	0	15	8	0	0	0	0
2024	0	0	0	0	15	8	0	0	0	0
2025	0	0	0	0	16	8	0	0	0	0
2026	0	9	0	10	16	8	145	0	0	145
2027	0	0	0	0	17	8	0	0	0	0
2028	0	0	0	0	17	8	0	0	0	0
2029	0	0	0	0	18	8	0	0	0	0
2030	0	0	0	0	18	8	0	0	0	0
2031	0	0	0	0	19	8	0	0	0	0
2032	0	0	0	0	20	8	0	0	0	0
2033	0	0	0	0	22	8	0	0	0	0
2034	0	0	0	0	23	8	0	0	0	0
2035	0	0	0	0	24	8	0	0	0	0
2036	0	0	0	0	25	9	0	0	0	0
2037	0	0	0	0	26	9	0	0	0	0
2038	0	9	0	10	28	9	194	0	0	194
2039	0	0	0	0	29	9	0	0	0	0
2040	0	0	0	0	30	9	0	0	0	0
2041	0	0	0	0	31	9	0	0	0	0
2042	0	0	0	0	33	9	0	0	0	0
2043	0	0	0	0	35	9	0	0	0	0
2044	0	0	0	0	36	9	0	0	0	0
2045	0	0	0	0	38	9	0	0	0	0
2046	0	0	0	0	40	9	0	0	0	0
2047	0	0	0	0	42	9	0	0	0	0
2048	0	0	0	0	44	10	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	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	28	0	29	783	289	446	0	0	446
NPV	0	15	0	15	215	101	202	0	0	202

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	57	1	0	4	2	1	0	2	0	10	10	10	56
2020	55	1	0	3	1	1	0	2	1	10	9	19	57
2021	52	1	0	3	1	1	0	2	1	9	8	27	59
2022	49	1	0	3	1	1	0	2	1	9	7	34	60
2023	47	1	0	3	1	1	0	2	1	9	6	40	62
2024	45	1	0	3	1	1	0	2	0	8	6	46	63
2025	42	1	0	3	1	1	0	2	0	8	5	51	65
2026	40	1	0	3	1	1	0	2	0	8	5	56	66
2027	38	1	0	2	1	1	0	2	0	7	4	60	68
2028	36	1	0	2	1	1	0	2	0	7	4	64	70
2029	34	1	0	2	1	1	0	2	0	7	3	67	72
2030	31	1	0	2	1	1	0	2	0	6	3	70	73
2031	29	1	0	2	1	1	0	2	0	6	3	72	75
2032	27	1	0	2	1	1	0	2	0	6	2	75	77
2033	25	1	0	2	1	1	0	2	0	6	2	77	79
2034	23	0	0	1	1	0	0	2	0	5	2	78	81
2035	21	0	0	1	1	0	0	2	0	5	2	80	83
2036	19	0	0	1	1	0	0	2	0	5	1	81	85
2037	17	0	0	1	0	0	0	2	0	4	1	82	87
2038	14	0	0	1	0	0	0	2	0	4	1	83	89
2039	12	0	0	1	1	0	0	2	(0)	4	1	84	92
2040	11	0	0	1	1	0	0	2	(1)	4	1	85	94
2041	9	0	0	1	1	0	0	2	(1)	3	1	86	96
2042	8	0	0	1	1	0	0	2	(1)	3	1	86	99
2043	7	0	0	0	1	0	0	2	(1)	3	1	87	101
2044	6	0	0	0	1	0	0	2	(1)	3	0	87	104
2045	5	0	0	0	1	0	0	2	(1)	3	0	88	106
2046	4	0	0	0	1	0	0	2	(1)	2	0	88	109
2047	2	0	0	0	1	0	0	2	(1)	2	0	88	112
2048	1	0	0	0	1	(0)	0	2	(1)	2	0	89	114

IN SERVICE COST	($000)	56
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.5%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	5.14	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58642

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE $(000)	SALVAGE TAX RATE $(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) $(000)	ACCUMULATED DEFERRED TAX $(000)
2019	3.75%	2	2	2	2	2	2	0	3	0	0	0	0	(1)
2020	7.22%	4	6	2	4	2	4	1	3	0	0	0	1	0
2021	6.68%	4	10	2	6	2	5	1	3	0	0	0	1	1
2022	6.18%	3	13	2	7	2	7	1	3	0	0	0	1	2
2023	5.71%	3	16	2	9	2	9	1	3	0	0	0	1	2
2024	5.29%	3	19	2	11	2	11	0	3	0	0	0	0	3
2025	4.89%	3	22	2	13	2	12	0	3	0	0	0	0	3
2026	4.52%	2	24	2	15	2	14	0	3	0	0	0	0	3
2027	4.46%	2	27	2	17	2	16	0	3	0	0	0	0	3
2028	4.46%	2	29	2	19	2	18	0	3	0	0	0	0	4
2029	4.46%	2	32	2	20	2	19	0	3	0	0	0	0	4
2030	4.46%	2	34	2	22	2	21	0	3	0	0	0	0	4
2031	4.46%	2	37	2	24	2	23	0	3	0	0	0	0	4
2032	4.46%	2	39	2	26	2	25	0	3	0	0	0	0	5
2033	4.46%	2	42	2	28	2	26	0	3	0	0	0	0	5
2034	4.46%	2	44	2	30	2	28	0	3	0	0	0	0	5
2035	4.46%	2	46	2	32	2	30	0	3	0	0	0	0	6
2036	4.46%	2	49	2	34	2	32	0	3	0	0	0	0	6
2037	4.46%	2	51	2	35	2	34	0	3	0	0	0	0	6
2038	4.46%	2	54	2	37	2	35	0	3	0	0	0	0	6
2039	2.23%	1	55	2	39	2	37	(0)	3	0	0	0	(0)	6
2040	0.00%	0	55	2	41	2	39	(1)	3	0	0	0	(1)	5
2041	0.00%	0	55	2	43	2	41	(1)	3	0	0	0	(1)	5
2042	0.00%	0	55	2	45	2	42	(1)	3	0	0	0	(1)	4
2043	0.00%	0	55	2	47	2	44	(1)	3	0	0	0	(1)	3
2044	0.00%	0	55	2	48	2	46	(1)	3	0	0	0	(1)	3
2045	0.00%	0	55	2	50	2	48	(1)	3	0	0	0	(1)	2
2046	0.00%	0	55	2	52	2	49	(1)	3	0	0	0	(1)	1
2047	0.00%	0	55	2	54	2	51	(1)	3	0	0	0	(1)	1
2048	0.00%	0	55	2	56	2	53	(1)	3	0	0	0	(1)	0

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

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	2	0	54	2	(1)	57	55	56
2020	7.22%	4	1	52	4	0	55	52	53
2021	6.68%	4	1	50	6	1	52	49	51
2022	6.18%	3	1	48	7	2	49	47	48
2023	5.71%	3	1	47	9	2	47	45	46
2024	5.29%	3	0	45	11	3	45	42	43
2025	4.89%	3	0	43	13	3	42	40	41
2026	4.52%	2	0	41	15	3	40	38	39
2027	4.46%	2	0	39	17	3	38	36	37
2028	4.46%	2	0	37	19	4	36	34	35
2029	4.46%	2	0	35	20	4	34	31	33
2030	4.46%	2	0	34	22	4	31	29	30
2031	4.46%	2	0	32	24	4	29	27	28
2032	4.46%	2	0	30	26	5	27	25	26
2033	4.46%	2	0	28	28	5	25	23	24
2034	4.46%	2	0	26	30	5	23	21	22
2035	4.46%	2	0	24	32	6	21	19	20
2036	4.46%	2	0	22	34	6	19	17	18
2037	4.46%	2	0	20	35	6	17	14	15
2038	4.46%	2	0	19	37	6	14	12	13
2039	2.23%	1	(0)	17	39	6	12	11	11
2040	0.00%	0	(1)	15	41	5	11	9	10
2041	0.00%	0	(1)	13	43	5	9	8	9
2042	0.00%	0	(1)	11	45	4	8	7	8
2043	0.00%	0	(1)	9	47	3	7	6	7
2044	0.00%	0	(1)	7	48	3	6	5	5
2045	0.00%	0	(1)	6	50	2	5	4	4
2046	0.00%	0	(1)	4	52	1	4	2	3
2047	0.00%	0	(1)	2	54	1	2	1	2
2048	0.00%	0	(1)	(0)	56	0	1	0	1

*** Column not specified in workbook**

(1) YEAR	(2) NO.YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING ($/kW)	(7) CUMULATIVE AVERAGE SPENDING ($/kW)
2014	-5	0.00%	1.000	0.11%	0.83	0.41
2015	-4	3.00%	1.030	0.28%	2.26	1.96
2016	-3	3.00%	1.061	8.69%	71.58	38.88
2017	-2	3.00%	1.093	53.83%	456.61	302.97
2018	-1	3.00%	1.126	37.09%	324.11	693.33
				100.00%	855.39	

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)
2014	-5	0.41	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.86	0.86
2015	-4	1.99	0.04	0.05	0.13	0.16	0.10	0.12	(0.02)	(0.03)	2.39	3.24
2016	-3	39.03	0.76	0.81	2.54	2.70	2.01	2.13	(0.48)	(0.51)	74.12	77.36
2017	-2	305.67	5.95	6.76	19.90	22.60	15.69	17.82	(3.76)	(4.27)	476.51	553.87
2018	-1	715.93	13.99	20.74	46.81	69.41	36.57	54.39	(8.71)	(12.98)	370.93	924.80
				20.74		69.41		54.39		(12.98)		924.80

IN SERVICE YEAR	2019
PLANT COSTS	776.3262845
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	52	52	52
EQUITY AFUDC	3		
DEBT AFUDC	1	1	
CPI			3
TOTAL	56	53	55

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2014	1	1	3.60	7.07	3.62	0.00	1.00	1.00
2015	1	1	4.45	7.79	4.47	0.00	1.00	1.00
2016	1	1	4.92	12.20	4.95	0.00	1.00	1.00
2017	1	1	4.27	10.26	4.29	0.00	1.00	1.00
2018	1	1	5.27	13.44	5.29	0.00	1.00	1.00
2019	1	1	5.38	18.72	5.40	5.05	1.00	1.00
2020	1	1	5.65	17.33	5.67	5.04	1.00	1.00
2021	1	1	5.65	16.23	5.67	5.11	1.00	1.00
2022	1	1	5.60	15.12	5.62	5.07	1.00	1.00
2023	1	1	5.60	15.23	5.62	5.17	1.00	1.00
2024	1	1	5.81	13.57	5.83	5.46	1.00	1.00
2025	1	1	5.98	16.84	6.00	5.61	1.00	1.00
2026	1	1	5.73	15.79	5.75	5.73	1.00	1.00
2027	1	1	6.01	14.91	6.03	6.01	1.00	1.00
2028	1	1	6.07	16.89	6.09	6.10	1.00	1.00
2029	1	1	6.28	13.24	6.30	6.40	1.00	1.00
2030	1	1	6.34	15.48	6.36	6.40	1.00	1.00
2031	1	1	6.57	16.10	6.59	6.72	1.00	1.00
2032	1	1	6.62	11.92	6.63	6.79	1.00	1.00
2033	1	1	6.97	16.62	6.98	7.12	1.00	1.00
2034	1	1	7.05	12.50	7.06	7.32	1.00	1.00
2035	1	1	7.19	11.07	7.20	7.51	1.00	1.00
2036	1	1	7.47	12.91	7.48	7.70	1.00	1.00
2037	1	1	7.68	13.42	7.69	8.03	1.00	1.00
2038	1	1	7.94	12.78	7.95	8.32	1.00	1.00
2039	1	1	8.12	12.03	8.13	8.48	1.00	1.00
2040	1	1	8.35	12.08	8.35	8.85	1.00	1.00
2041	1	1	8.67	12.87	8.67	9.11	1.00	1.00
2042	1	1	8.99	14.43	8.99	9.45	1.00	1.00
2043	1	1	9.27	13.94	9.28	9.80	1.00	1.00
2044	1	1	9.60	14.97	9.61	10.24	1.00	1.00
2045	1	1	9.94	14.34	9.95	10.56	1.00	1.00
2046	1	1	10.25	13.01	10.26	10.91	1.00	1.00
2047	1	1	10.57	13.46	10.58	11.25	1.00	1.00
2048	1	1	11.00	16.12	11.01	11.71	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
	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.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
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	10	4	0	11	15	11
2020	10	4	0	20	25	9
2021	9	4	0	21	26	9
2022	9	4	0	21	26	9
2023	9	4	0	22	26	10
2024	8	5	0	24	28	9
2025	8	5	0	24	28	9
2026	8	5	0	24	27	10
2027	7	5	0	25	28	9
2028	7	5	0	26	29	10
2029	7	5	0	27	30	9
2030	6	5	0	28	30	10
2031	6	5	0	29	32	9
2032	6	6	0	30	32	10
2033	6	6	0	31	34	9
2034	5	6	1	33	35	9
2035	5	6	1	34	36	9
2036	5	6	1	35	37	9
2037	4	6	1	36	38	9
2038	4	6	1	38	40	9
2039	4	7	1	39	40	10
2040	4	7	1	41	42	9
2041	3	7	1	42	43	9
2042	3	7	1	44	45	10
2043	3	7	1	45	47	9
2044	3	7	1	47	49	9
2045	3	8	1	49	50	10
2046	2	8	1	51	52	10
2047	2	8	1	52	54	10
2048	2	8	1	55	56	10
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	168	175	15	1,003	1,078	284
NPV	62	45	4	241	268	83

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2014	0	0	0	0	0	0	9	0
2015	2	0	2	0	0	0	21	0
2016	1	0	2	0	0	0	33	0
2017	1	0	2	0	0	0	28	0
2018	1	0	2	0	0	0	37	0
2019	1	0	2	0	0	0	52	0
2020	1	0	2	0	0	0	48	0
2021	1	0	1	0	0	0	45	0
2022	1	0	1	0	0	0	42	0
2023	1	0	1	0	0	0	42	0
2024	1	0	1	0	0	0	37	0
2025	1	0	1	0	0	0	46	0
2026	1	0	1	0	0	0	44	0
2027	1	0	1	0	0	0	41	0
2028	1	0	1	0	0	0	47	0
2029	1	0	1	0	0	0	36	0
2030	1	0	1	0	0	0	42	0
2031	1	0	1	0	0	0	44	0
2032	1	0	1	0	0	0	32	0
2033	1	0	1	0	0	0	45	0
2034	1	0	1	0	0	0	33	0
2035	1	0	1	0	0	0	29	0
2036	1	0	1	0	0	0	34	0
2037	1	0	1	0	0	0	36	0
2038	1	0	1	0	0	0	34	0
2039	1	0	1	0	0	0	31	0
2040	1	0	1	0	0	0	31	0
2041	1	0	1	0	0	0	34	0
2042	1	0	1	0	0	0	38	0
2043	1	0	1	0	0	0	36	0
2044	0	0	1	0	0	0	39	0
2045	0	0	1	0	0	0	37	0
2046	0	0	1	0	0	0	33	0
2047	0	0	1	0	0	0	34	0
2048	0	0	1	0	0	0	42	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	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.	29	12	41	4	6	9	1,292	0
NPV	13	3	17	2	2	3	471	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT $(000)	(3) REPLACEMENT EMISSION COST $(000)	(4) PROGRAM EMISSION BENEFIT $(000)	(5) OFF-PEAK EMISSION PAYBACK COST $(000)	(6) NET EMISSION BENEFIT $(000)
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	2	3	1	0	1
2023	3	4	2	0	1
2024	3	4	2	0	1
2025	4	5	2	0	1
2026	4	5	3	0	1
2027	4	5	3	0	2
2028	4	6	3	0	2
2029	5	6	3	0	2
2030	5	7	4	0	2
2031	6	8	4	0	2
2032	6	9	4	0	2
2033	7	9	5	0	3
2034	8	10	5	0	3
2035	8	11	6	0	3
2036	9	12	6	0	3
2037	10	13	7	0	4
2038	11	14	7	0	4
2039	12	15	8	0	4
2040	13	16	8	0	5
2041	14	18	9	0	5
2042	15	19	10	0	5
2043	16	21	11	0	6
2044	17	22	11	0	6
2045	18	24	12	0	7
2046	19	25	13	0	7
2047	21	27	14	0	7
2048	22	29	15	0	8
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	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	264	346	178	0	96
NPV	47	62	32	0	18

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	107	0	108	0	0	9	0	10	(98)	(98)
2015	0	0	0	0	0	0	2	21	0	23	23	(77)
2016	0	0	0	0	0	0	2	33	0	35	35	(46)
2017	0	0	0	0	0	0	2	28	0	30	30	(22)
2018	0	0	0	0	0	0	2	37	0	39	39	7
2019	0	0	0	0	0	11	2	52	0	65	65	52
2020	0	0	0	0	0	9	2	48	0	59	59	90
2021	0	0	0	0	0	9	2	45	0	55	55	124
2022	0	0	0	0	0	9	2	42	1	53	53	153
2023	0	0	0	0	0	10	2	42	1	54	54	182
2024	0	0	0	0	0	9	2	37	1	49	49	205
2025	0	0	0	0	0	9	2	46	1	59	59	232
2026	0	0	145	0	145	10	2	44	1	56	(89)	195
2027	0	0	0	0	0	9	2	41	2	53	53	215
2028	0	0	0	0	0	10	1	47	2	60	60	237
2029	0	0	0	0	0	9	1	36	2	48	48	253
2030	0	0	0	0	0	10	1	42	2	55	55	270
2031	0	0	0	0	0	9	1	44	2	57	57	287
2032	0	0	0	0	0	10	1	32	2	45	45	299
2033	0	0	0	0	0	9	1	45	3	59	59	314
2034	0	0	0	0	0	9	1	33	3	47	47	325
2035	0	0	0	0	0	9	1	29	3	43	43	334
2036	0	0	0	0	0	9	1	34	3	48	48	344
2037	0	0	0	0	0	9	1	36	4	50	50	353
2038	0	0	194	0	195	9	1	34	4	48	(147)	327
2039	0	0	0	0	0	10	1	31	4	46	46	335
2040	0	0	0	0	0	9	1	31	5	46	46	342
2041	0	0	0	0	0	9	1	34	5	49	49	349
2042	0	0	0	0	0	10	1	38	5	54	54	356
2043	0	0	0	0	0	9	1	36	6	53	53	362
2044	0	0	0	0	0	9	1	39	6	56	56	369
2045	0	0	0	0	0	10	1	37	7	54	54	374
2046	0	0	0	0	0	10	1	33	7	51	51	379
2047	0	0	0	0	0	10	1	34	7	53	53	384
2048	0	0	0	0	0	10	1	42	8	61	61	389
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	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	1	446	0	447	284	50	1,292	96	1,722	1,275	
NPV	0	0	202	0	202	83	20	471	18	592	389	

Discount Rate: 7.54 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **2.93**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	10	0	9	0	20	107	0	0	107	(88)	(88)
2015	20	0	0	0	20	0	0	0	0	20	(69)
2016	20	0	0	0	20	0	0	0	0	20	(52)
2017	21	0	0	0	21	0	0	0	0	21	(35)
2018	22	0	0	0	22	0	0	0	0	22	(19)
2019	24	0	0	0	24	0	0	0	0	24	(2)
2020	25	0	0	0	25	0	0	0	0	25	14
2021	25	0	0	0	25	0	0	0	0	25	29
2022	26	0	0	0	26	0	0	0	0	26	44
2023	26	0	0	0	26	0	0	0	0	26	58
2024	27	0	0	0	27	0	0	0	0	27	71
2025	27	0	0	0	27	0	0	0	0	27	83
2026	28	0	9	0	37	145	0	0	145	(108)	38
2027	28	0	0	0	28	0	0	0	0	28	49
2028	29	0	0	0	29	0	0	0	0	29	59
2029	29	0	0	0	29	0	0	0	0	29	69
2030	30	0	0	0	30	0	0	0	0	30	78
2031	31	0	0	0	31	0	0	0	0	31	87
2032	32	0	0	0	32	0	0	0	0	32	96
2033	35	0	0	0	35	0	0	0	0	35	105
2034	36	0	0	0	36	0	0	0	0	36	113
2035	37	0	0	0	37	0	0	0	0	37	121
2036	39	0	0	0	39	0	0	0	0	39	129
2037	41	0	0	0	41	0	0	0	0	41	137
2038	42	0	9	0	51	194	0	0	194	(143)	112
2039	43	0	0	0	43	0	0	0	0	43	119
2040	45	0	0	0	45	0	0	0	0	45	126
2041	46	0	0	0	46	0	0	0	0	46	132
2042	48	0	0	0	48	0	0	0	0	48	138
2043	51	0	0	0	51	0	0	0	0	51	145
2044	53	0	0	0	53	0	0	0	0	53	151
2045	55	0	0	0	55	0	0	0	0	55	156
2046	58	0	0	0	58	0	0	0	0	58	162
2047	60	0	0	0	60	0	0	0	0	60	168
2048	63	0	0	0	63	0	0	0	0	63	173
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	1,233	0	28	0	1,261	446	0	0	446	815	
NPV	360	0	15	0	375	202	0	0	202	173	

In Service of Gen Unit: 2019
Discount Rate : 7.54 %
Benefit/Cost Ratio (Col(6) / Col(10)) **1.86**

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	9	9	0	19	9	0	0	0	10	(9)	(9)
2015	0	0	0	17	0	17	21	2	0	0	23	5	(4)
2016	0	0	0	18	0	18	33	2	0	0	35	18	11
2017	0	0	0	18	0	18	28	2	0	0	30	12	20
2018	0	0	0	20	0	20	37	2	0	0	39	19	35
2019	0	0	0	21	0	21	63	2	0	0	65	43	65
2020	0	0	0	22	0	22	57	2	0	0	59	37	89
2021	0	0	0	22	0	22	54	2	0	0	55	33	109
2022	0	0	0	23	0	23	51	2	0	1	53	30	125
2023	0	0	0	23	0	23	52	2	0	1	54	31	141
2024	0	0	0	24	0	24	46	2	0	1	49	25	154
2025	0	0	0	24	0	24	56	2	0	1	59	35	169
2026	0	0	9	24	0	34	53	2	0	1	56	22	179
2027	0	0	0	25	0	25	50	2	0	2	53	28	190
2028	0	0	0	25	0	25	57	1	0	2	60	34	202
2029	0	0	0	26	0	26	45	1	0	2	48	23	210
2030	0	0	0	26	0	26	52	1	0	2	55	29	219
2031	0	0	0	27	0	27	53	1	0	2	57	30	228
2032	0	0	0	28	0	28	41	1	0	2	45	17	232
2033	0	0	0	30	0	30	55	1	0	3	59	28	239
2034	0	0	0	31	0	31	42	1	0	3	47	15	243
2035	0	0	0	32	0	32	38	1	0	3	43	11	245
2036	0	0	0	34	0	34	44	1	0	3	48	14	248
2037	0	0	0	35	0	35	45	1	0	4	50	15	251
2038	0	0	9	36	0	46	43	1	0	4	48	2	251
2039	0	0	0	38	0	38	41	1	0	4	46	9	253
2040	0	0	0	39	0	39	41	1	0	5	46	8	254
2041	0	0	0	40	0	40	43	1	0	5	49	9	255
2042	0	0	0	42	0	42	48	1	0	5	54	12	257
2043	0	0	0	44	0	44	46	1	0	6	53	9	258
2044	0	0	0	46	0	46	48	1	0	6	56	10	259
2045	0	0	0	47	0	47	47	1	0	7	54	7	260
2046	0	0	0	49	0	49	43	1	0	7	51	1	260
2047	0	0	0	52	0	52	44	1	0	7	53	1	260
2048	0	0	0	54	0	54	52	1	0	8	61	7	260
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	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	1	28	1,073	0	1,102	1,576	50	0	96	1,722	621	
NPV	0	0	15	316	0	331	554	20	0	18	592	260	

Discount Rate 7.54 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **1.79**

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	67.00	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	88.10094	kW
(3) kW LINE LOSS PERCENTAGE	7.22	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	591,623.83	kWh
(5) kWh LINE LOSS PERCENTAGE	5.76	%
(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	30	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.58642	
(5) K FACTOR FOR T & D	1.55920	

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	7.54	%
*	(11) UTILITY AFUDC RATE	6.50	%
*	(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	2014	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2017-2019	
(4) BASE YEAR AVOIDED GENERATING COST	776.33	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90	$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85	$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	58.35	$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50	%**
(10) TRANSMISSION FIXED O & M COST	3.53	$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34	$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50	%**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.065	CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50	%**
(15) GENERATOR CAPACITY FACTOR	56%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.85	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.65	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2014	1	14	0	14	14	5	110	0	0	110
2015	0	0	0	0	25	10	0	0	0	0
2016	0	0	0	0	26	10	0	0	0	0
2017	0	0	0	0	27	11	0	0	0	0
2018	0	0	0	0	30	11	0	0	0	0
2019	0	0	0	0	33	11	0	0	0	0
2020	0	0	0	0	33	12	0	0	0	0
2021	0	0	0	0	33	13	0	0	0	0
2022	0	0	0	0	34	13	0	0	0	0
2023	0	0	0	0	36	12	0	0	0	0
2024	0	0	0	0	37	12	0	0	0	0
2025	0	0	0	0	38	12	0	0	0	0
2026	1	14	0	14	40	11	148	0	0	148
2027	0	0	0	0	41	11	0	0	0	0
2028	0	0	0	0	42	11	0	0	0	0
2029	0	0	0	0	43	12	0	0	0	0
2030	0	0	0	0	45	12	0	0	0	0
2031	0	0	0	0	46	12	0	0	0	0
2032	0	0	0	0	49	12	0	0	0	0
2033	0	0	0	0	53	12	0	0	0	0
2034	0	0	0	0	55	12	0	0	0	0
2035	0	0	0	0	57	12	0	0	0	0
2036	0	0	0	0	62	13	0	0	0	0
2037	0	0	0	0	64	13	0	0	0	0
2038	1	14	0	15	67	13	199	0	0	199
2039	0	0	0	0	70	13	0	0	0	0
2040	0	0	0	0	72	13	0	0	0	0
2041	0	0	0	0	75	13	0	0	0	0
2042	0	0	0	0	79	13	0	0	0	0
2043	0	0	0	0	84	13	0	0	0	0
2044	0	0	0	0	88	13	0	0	0	0
2045	0	0	0	0	93	13	0	0	0	0
2046	0	0	0	0	97	14	0	0	0	0
2047	0	0	0	0	102	14	0	0	0	0
2048	0	0	0	0	108	14	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	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	41	0	43	1,900	421	457	0	0	457
NPV	1	22	0	23	521	147	207	0	0	207

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	83	2	0	5	3	1	0	3	0	14	14	14	81
2020	80	2	0	5	2	1	0	3	1	14	13	27	84
2021	76	2	0	5	2	1	0	3	1	13	12	39	86
2022	72	1	0	5	2	1	0	3	1	13	10	50	88
2023	68	1	0	4	2	1	0	3	1	12	9	59	90
2024	65	1	0	4	2	1	0	3	1	12	8	67	92
2025	62	1	0	4	2	1	0	3	1	12	7	75	94
2026	58	1	0	4	2	1	0	3	0	11	7	81	97
2027	55	1	0	3	2	1	0	3	0	11	6	87	99
2028	52	1	0	3	2	1	0	3	0	10	5	93	102
2029	49	1	0	3	2	1	0	3	0	10	5	97	104
2030	46	1	0	3	2	1	0	3	0	9	4	102	107
2031	43	1	0	3	1	1	0	3	0	9	4	105	110
2032	40	1	0	2	1	1	0	3	0	9	3	109	112
2033	37	1	0	2	1	1	0	3	0	8	3	112	115
2034	33	1	0	2	1	1	0	3	0	8	3	114	118
2035	30	1	0	2	1	1	0	3	0	7	2	116	121
2036	27	1	0	2	1	1	0	3	0	7	2	118	124
2037	24	1	0	2	1	1	0	3	0	6	2	120	127
2038	21	0	0	1	1	0	0	3	0	6	1	122	130
2039	18	0	0	1	1	0	0	3	(0)	6	1	123	134
2040	16	0	0	1	2	0	0	3	(1)	5	1	124	137
2041	14	0	0	1	2	0	0	3	(1)	5	1	125	140
2042	12	0	0	1	2	0	0	3	(1)	5	1	126	144
2043	10	0	0	1	1	0	0	3	(1)	4	1	127	147
2044	9	0	0	1	1	0	0	3	(1)	4	1	127	151
2045	7	0	0	0	1	0	0	3	(1)	4	1	128	155
2046	5	0	0	0	1	0	0	3	(1)	4	1	128	159
2047	3	0	0	0	1	0	0	3	(1)	3	0	129	163
2048	2	0	0	0	1	0	0	3	(1)	3	0	129	167

IN SERVICE COST	($000)	81
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.5%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	5.14	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58642

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) 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	4	0	0	0	0	(1)
2020	7.22%	6	9	3	5	3	5	1	4	0	0	0	1	0
2021	6.68%	5	14	3	8	3	8	1	4	0	0	0	1	1
2022	6.18%	5	19	3	11	3	10	1	4	0	0	0	1	2
2023	5.71%	5	24	3	14	3	13	1	4	0	0	0	1	3
2024	5.29%	4	28	3	16	3	15	1	4	0	0	0	1	4
2025	4.89%	4	32	3	19	3	18	1	4	0	0	0	1	4
2026	4.52%	4	35	3	22	3	21	0	4	0	0	0	0	5
2027	4.46%	4	39	3	24	3	23	0	4	0	0	0	0	5
2028	4.46%	4	43	3	27	3	26	0	4	0	0	0	0	5
2029	4.46%	4	46	3	30	3	28	0	4	0	0	0	0	6
2030	4.46%	4	50	3	33	3	31	0	4	0	0	0	0	6
2031	4.46%	4	53	3	35	3	33	0	4	0	0	0	0	7
2032	4.46%	4	57	3	38	3	36	0	4	0	0	0	0	7
2033	4.46%	4	60	3	41	3	39	0	4	0	0	0	0	7
2034	4.46%	4	64	3	43	3	41	0	4	0	0	0	0	8
2035	4.46%	4	68	3	46	3	44	0	4	0	0	0	0	8
2036	4.46%	4	71	3	49	3	46	0	4	0	0	0	0	8
2037	4.46%	4	75	3	52	3	49	0	4	0	0	0	0	9
2038	4.46%	4	78	3	54	3	51	0	4	0	0	0	0	9
2039	2.23%	2	80	3	57	3	54	(0)	4	0	0	0	(0)	9
2040	0.00%	0	80	3	60	3	57	(1)	4	0	0	0	(1)	8
2041	0.00%	0	80	3	62	3	59	(1)	4	0	0	0	(1)	7
2042	0.00%	0	80	3	65	3	62	(1)	4	0	0	0	(1)	6
2043	0.00%	0	80	3	68	3	64	(1)	4	0	0	0	(1)	5
2044	0.00%	0	80	3	71	3	67	(1)	4	0	0	0	(1)	4
2045	0.00%	0	80	3	73	3	69	(1)	4	0	0	0	(1)	3
2046	0.00%	0	80	3	76	3	72	(1)	4	0	0	0	(1)	2
2047	0.00%	0	80	3	79	3	75	(1)	4	0	0	0	(1)	1
2048	0.00%	0	80	3	81	3	77	(1)	4	0	0	0	(1)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(1)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	4
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	3	0	79	3	(1)	83	80	81
2020	7.22%	6	1	76	5	0	80	76	78
2021	6.68%	5	1	73	8	1	76	72	74
2022	6.18%	5	1	71	11	2	72	68	70
2023	5.71%	5	1	68	14	3	68	65	67
2024	5.29%	4	1	65	16	4	65	62	63
2025	4.89%	4	1	62	19	4	62	58	60
2026	4.52%	4	0	60	22	5	58	55	57
2027	4.46%	4	0	57	24	5	55	52	54
2028	4.46%	4	0	54	27	5	52	49	51
2029	4.46%	4	0	52	30	6	49	46	47
2030	4.46%	4	0	49	33	6	46	43	44
2031	4.46%	4	0	46	35	7	43	40	41
2032	4.46%	4	0	43	38	7	40	37	38
2033	4.46%	4	0	41	41	7	37	33	35
2034	4.46%	4	0	38	43	8	33	30	32
2035	4.46%	4	0	35	46	8	30	27	29
2036	4.46%	4	0	33	49	8	27	24	26
2037	4.46%	4	0	30	52	9	24	21	23
2038	4.46%	4	0	27	54	9	21	18	19
2039	2.23%	2	(0)	24	57	9	18	16	17
2040	0.00%	0	(1)	22	60	8	16	14	15
2041	0.00%	0	(1)	19	62	7	14	12	13
2042	0.00%	0	(1)	16	65	6	12	10	11
2043	0.00%	0	(1)	14	68	5	10	9	9
2044	0.00%	0	(1)	11	71	4	9	7	8
2045	0.00%	0	(1)	8	73	3	7	5	6
2046	0.00%	0	(1)	5	76	2	5	3	4
2047	0.00%	0	(1)	3	79	1	3	2	3
2048	0.00%	0	(1)	0	81	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)
2014	-5	0.00%	1.000	0.11%	0.83	0.41
2015	-4	3.00%	1.030	0.28%	2.26	1.96
2016	-3	3.00%	1.061	8.69%	71.58	38.88
2017	-2	3.00%	1.093	53.83%	456.61	302.97
2018	-1	3.00%	1.126	37.09%	324.11	693.33
				100.00%	855.39	

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)
2014	-5	0.41	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.86	0.86
2015	-4	1.99	0.04	0.05	0.13	0.16	0.10	0.12	(0.02)	(0.03)	2.39	3.24
2016	-3	39.03	0.76	0.81	2.54	2.70	2.01	2.13	(0.48)	(0.51)	74.12	77.36
2017	-2	305.67	5.95	6.76	19.90	22.60	15.69	17.82	(3.76)	(4.27)	476.51	553.87
2018	-1	715.93	13.99	20.74	46.81	69.41	36.57	54.39	(8.71)	(12.98)	370.93	924.80
				20.74		69.41		54.39		(12.98)		924.80

IN SERVICE YEAR	2019
PLANT COSTS	776.3262845
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	75	75	75
EQUITY AFUDC	4		
DEBT AFUDC	2	2	
CPI			5
TOTAL	81	77	80

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2014	1	1	3.60	7.07	3.62	0.00	1.00	1.00
2015	1	1	4.45	7.79	4.47	0.00	1.00	1.00
2016	1	1	4.92	12.20	4.95	0.00	1.00	1.00
2017	1	1	4.27	10.26	4.29	0.00	1.00	1.00
2018	1	1	5.27	13.44	5.29	0.00	1.00	1.00
2019	1	1	5.38	18.72	5.40	5.05	1.00	1.00
2020	1	1	5.65	17.33	5.67	5.04	1.00	1.00
2021	1	1	5.65	16.23	5.67	5.11	1.00	1.00
2022	1	1	5.60	15.12	5.62	5.07	1.00	1.00
2023	1	1	5.60	15.23	5.62	5.17	1.00	1.00
2024	1	1	5.81	13.57	5.83	5.46	1.00	1.00
2025	1	1	5.98	16.84	6.00	5.61	1.00	1.00
2026	1	1	5.73	15.79	5.75	5.73	1.00	1.00
2027	1	1	6.01	14.91	6.03	6.01	1.00	1.00
2028	1	1	6.07	16.89	6.09	6.10	1.00	1.00
2029	1	1	6.28	13.24	6.30	6.40	1.00	1.00
2030	1	1	6.34	15.48	6.36	6.40	1.00	1.00
2031	1	1	6.57	16.10	6.59	6.72	1.00	1.00
2032	1	1	6.62	11.92	6.63	6.79	1.00	1.00
2033	1	1	6.97	16.62	6.98	7.12	1.00	1.00
2034	1	1	7.05	12.50	7.06	7.32	1.00	1.00
2035	1	1	7.19	11.07	7.20	7.51	1.00	1.00
2036	1	1	7.47	12.91	7.48	7.70	1.00	1.00
2037	1	1	7.68	13.42	7.69	8.03	1.00	1.00
2038	1	1	7.94	12.78	7.95	8.32	1.00	1.00
2039	1	1	8.12	12.03	8.13	8.48	1.00	1.00
2040	1	1	8.35	12.08	8.35	8.85	1.00	1.00
2041	1	1	8.67	12.87	8.67	9.11	1.00	1.00
2042	1	1	8.99	14.43	8.99	9.45	1.00	1.00
2043	1	1	9.27	13.94	9.28	9.80	1.00	1.00
2044	1	1	9.60	14.97	9.61	10.24	1.00	1.00
2045	1	1	9.94	14.34	9.95	10.56	1.00	1.00
2046	1	1	10.25	13.01	10.26	10.91	1.00	1.00
2047	1	1	10.57	13.46	10.58	11.25	1.00	1.00
2048	1	1	11.00	16.12	11.01	11.71	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
	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.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
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	14	6	0	17	22	15
2020	14	6	1	30	37	13
2021	13	6	1	30	38	13
2022	13	6	1	31	37	14
2023	12	6	1	33	38	14
2024	12	7	1	34	40	13
2025	12	7	1	35	41	14
2026	11	7	1	35	40	14
2027	11	7	1	36	41	14
2028	10	7	1	38	42	15
2029	10	7	1	39	44	14
2030	9	8	1	40	44	14
2031	9	8	1	42	46	13
2032	9	8	1	44	47	14
2033	8	8	1	46	49	13
2034	8	8	1	47	51	14
2035	7	9	1	49	52	14
2036	7	9	1	51	54	14
2037	6	9	1	53	56	14
2038	6	9	1	55	58	13
2039	6	10	1	57	59	14
2040	5	10	1	59	61	14
2041	5	10	1	61	63	14
2042	5	10	1	64	66	14
2043	4	11	1	66	68	14
2044	4	11	1	69	71	13
2045	4	11	1	71	73	14
2046	4	11	1	74	76	14
2047	3	12	1	76	78	14
2048	3	12	1	80	81	14
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	244	255	22	1,462	1,571	414
NPV	90	66	6	351	391	121

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2014	0	0	0	0	0	0	23	0
2015	2	0	3	0	0	0	50	0
2016	2	0	3	0	0	0	81	0
2017	2	0	2	0	0	0	68	0
2018	2	0	2	0	0	0	89	0
2019	2	0	2	0	0	0	127	0
2020	2	0	2	0	0	0	117	0
2021	2	0	2	0	0	0	109	0
2022	2	0	2	0	0	0	101	0
2023	2	0	2	0	0	0	102	0
2024	2	0	2	0	0	0	90	0
2025	2	0	2	0	0	0	113	0
2026	1	0	2	0	0	0	106	0
2027	1	0	2	0	0	0	99	0
2028	1	0	2	0	0	0	113	0
2029	1	0	2	0	0	0	87	0
2030	1	0	2	0	0	0	103	0
2031	1	0	2	0	0	0	107	0
2032	1	0	2	0	0	0	77	0
2033	1	0	2	0	0	0	110	0
2034	1	1	2	0	0	0	81	0
2035	1	1	2	0	0	0	70	0
2036	1	1	1	0	0	0	83	0
2037	1	1	1	0	0	0	86	0
2038	1	1	1	0	0	0	81	0
2039	1	1	1	0	0	0	76	0
2040	1	1	1	0	0	0	76	0
2041	1	1	1	0	0	0	81	0
2042	1	1	1	0	0	0	92	0
2043	1	1	1	0	0	0	88	0
2044	1	1	1	0	0	0	95	0
2045	1	1	1	0	0	0	90	0
2046	1	1	1	0	0	0	80	0
2047	1	1	1	0	0	0	83	0
2048	1	1	1	0	0	0	102	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	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.	42	17	59	5	8	14	3,135	0
NPV	19	5	24	3	3	5	1,142	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT $(000)	(3) REPLACEMENT EMISSION COST $(000)	(4) PROGRAM EMISSION BENEFIT $(000)	(5) OFF-PEAK EMISSION PAYBACK COST $(000)	(6) NET EMISSION BENEFIT $(000)
2014	0	0	0	0	0
2015	0	0	1	0	1
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	3	4	3	0	2
2023	4	6	5	0	3
2024	5	6	5	0	4
2025	5	7	6	0	4
2026	5	7	6	0	4
2027	6	8	7	0	5
2028	6	8	7	0	5
2029	7	9	8	0	6
2030	8	10	9	0	6
2031	9	11	10	0	7
2032	9	12	11	0	8
2033	10	14	12	0	9
2034	11	15	13	0	9
2035	12	16	14	0	10
2036	13	18	15	0	11
2037	14	19	16	0	12
2038	16	21	18	0	13
2039	17	22	19	0	14
2040	18	24	21	0	15
2041	20	26	22	0	16
2042	21	28	24	0	17
2043	23	30	26	0	18
2044	25	32	27	0	20
2045	26	34	29	0	21
2046	28	37	31	0	23
2047	30	39	33	0	24
2048	32	42	36	0	26
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	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	385	504	432	0	313
NPV	69	90	78	0	57

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	1	110	0	111	0	0	23	0	23	(87)	(87)
2015	0	0	0	0	0	0	3	50	1	54	54	(37)
2016	0	0	0	0	0	0	3	81	0	84	84	35
2017	0	0	0	0	0	0	3	68	0	71	71	92
2018	0	0	0	0	0	0	3	89	0	92	92	161
2019	0	0	0	0	0	15	3	127	0	145	145	262
2020	0	0	0	0	0	13	3	117	0	133	133	348
2021	0	0	0	0	0	13	3	109	0	124	124	423
2022	0	0	0	0	0	14	3	101	2	119	119	489
2023	0	0	0	0	0	14	2	102	3	121	121	552
2024	0	0	0	0	0	13	2	90	4	109	109	605
2025	0	0	0	0	0	14	2	113	4	133	133	665
2026	0	1	148	0	149	14	2	106	4	126	(22)	656
2027	0	0	0	0	0	14	2	99	5	120	120	702
2028	0	0	0	0	0	15	2	113	5	135	135	751
2029	0	0	0	0	0	14	2	87	6	108	108	787
2030	0	0	0	0	0	14	2	103	6	125	125	827
2031	0	0	0	0	0	13	2	107	7	129	129	864
2032	0	0	0	0	0	14	2	77	8	101	101	891
2033	0	0	0	0	0	13	2	110	9	134	134	925
2034	0	0	0	0	0	14	2	81	9	105	105	950
2035	0	0	0	0	0	14	2	70	10	96	96	970
2036	0	0	0	0	0	14	2	83	11	109	109	993
2037	0	0	0	0	0	14	2	86	12	113	113	1,014
2038	0	1	199	0	200	13	2	81	13	109	(90)	998
2039	0	0	0	0	0	14	2	76	14	106	106	1,015
2040	0	0	0	0	0	14	2	76	15	106	106	1,031
2041	0	0	0	0	0	14	2	81	16	113	113	1,047
2042	0	0	0	0	0	14	2	92	17	125	125	1,064
2043	0	0	0	0	0	14	2	88	18	122	122	1,078
2044	0	0	0	0	0	13	2	95	20	130	130	1,093
2045	0	0	0	0	0	14	2	90	21	127	127	1,106
2046	0	0	0	0	0	14	2	80	23	119	119	1,118
2047	0	0	0	0	0	14	2	83	24	123	123	1,129
2048	0	0	0	0	0	14	2	102	26	143	143	1,141
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	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	2	457	0	459	414	73	3,135	313	3,934	3,475	
NPV	0	1	207	0	208	121	29	1,142	57	1,349	1,141	

Discount Rate: 7.54 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **6.50**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	22	0	14	0	35	110	0	0	110	(75)	(75)
2015	41	0	0	0	41	0	0	0	0	41	(36)
2016	42	0	0	0	42	0	0	0	0	42	(0)
2017	43	0	0	0	43	0	0	0	0	43	34
2018	47	0	0	0	47	0	0	0	0	47	69
2019	51	0	0	0	51	0	0	0	0	51	105
2020	52	0	0	0	52	0	0	0	0	52	138
2021	53	0	0	0	53	0	0	0	0	53	170
2022	55	0	0	0	55	0	0	0	0	55	201
2023	56	0	0	0	56	0	0	0	0	56	230
2024	57	0	0	0	57	0	0	0	0	57	258
2025	58	0	0	0	58	0	0	0	0	58	284
2026	59	0	14	0	73	148	0	0	148	(75)	252
2027	61	0	0	0	61	0	0	0	0	61	276
2028	62	0	0	0	62	0	0	0	0	62	298
2029	64	0	0	0	64	0	0	0	0	64	320
2030	65	0	0	0	65	0	0	0	0	65	340
2031	67	0	0	0	67	0	0	0	0	67	360
2032	70	0	0	0	70	0	0	0	0	70	379
2033	76	0	0	0	76	0	0	0	0	76	398
2034	79	0	0	0	79	0	0	0	0	79	416
2035	81	0	0	0	81	0	0	0	0	81	434
2036	87	0	0	0	87	0	0	0	0	87	451
2037	90	0	0	0	90	0	0	0	0	90	468
2038	93	0	14	0	107	199	0	0	199	(92)	452
2039	97	0	0	0	97	0	0	0	0	97	468
2040	100	0	0	0	100	0	0	0	0	100	483
2041	104	0	0	0	104	0	0	0	0	104	498
2042	108	0	0	0	108	0	0	0	0	108	512
2043	115	0	0	0	115	0	0	0	0	115	526
2044	120	0	0	0	120	0	0	0	0	120	539
2045	125	0	0	0	125	0	0	0	0	125	553
2046	131	0	0	0	131	0	0	0	0	131	565
2047	137	0	0	0	137	0	0	0	0	137	578
2048	143	0	0	0	143	0	0	0	0	143	590
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	2,711	0	41	0	2,752	457	0	0	457	2,295	
NPV	775	0	22	0	797	207	0	0	207	590	

In Service of Gen Unit: 2019
Discount Rate : 7.54 %
Benefit/Cost Ratio (Col(6) / Col(10)) **3.86**

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	1	14	19	0	33	23	0	0	0	23	(10)	(10)
2015	0	0	0	36	0	36	50	3	0	1	54	18	7
2016	0	0	0	36	0	36	81	3	0	0	84	48	48
2017	0	0	0	38	0	38	68	3	0	0	71	33	75
2018	0	0	0	41	0	41	89	3	0	0	92	51	113
2019	0	0	0	44	0	44	142	3	0	0	145	101	183
2020	0	0	0	45	0	45	130	3	0	0	133	87	240
2021	0	0	0	46	0	46	122	3	0	0	124	78	287
2022	0	0	0	48	0	48	115	3	0	2	119	72	327
2023	0	0	0	48	0	48	116	2	0	3	121	73	365
2024	0	0	0	50	0	50	103	2	0	4	109	60	394
2025	0	0	0	50	0	50	126	2	0	4	133	83	431
2026	0	1	14	51	0	66	120	2	0	4	126	61	456
2027	0	0	0	52	0	52	113	2	0	5	120	67	483
2028	0	0	0	53	0	53	128	2	0	5	135	81	512
2029	0	0	0	55	0	55	100	2	0	6	108	54	530
2030	0	0	0	56	0	56	117	2	0	6	125	69	552
2031	0	0	0	58	0	58	120	2	0	7	129	72	572
2032	0	0	0	60	0	60	91	2	0	8	101	40	583
2033	0	0	0	65	0	65	123	2	0	9	134	69	601
2034	0	0	0	67	0	67	94	2	0	9	105	38	609
2035	0	0	0	70	0	70	84	2	0	10	96	26	615
2036	0	0	0	74	0	74	97	2	0	11	109	35	622
2037	0	0	0	77	0	77	100	2	0	12	113	37	629
2038	0	1	14	80	0	94	95	2	0	13	109	15	632
2039	0	0	0	83	0	83	90	2	0	14	106	23	635
2040	0	0	0	85	0	85	90	2	0	15	106	21	639
2041	0	0	0	89	0	89	95	2	0	16	113	24	642
2042	0	0	0	92	0	92	106	2	0	17	125	33	646
2043	0	0	0	97	0	97	102	2	0	18	122	25	649
2044	0	0	0	102	0	102	109	2	0	20	130	28	653
2045	0	0	0	106	0	106	104	2	0	21	127	21	655
2046	0	0	0	111	0	111	95	2	0	23	119	8	656
2047	0	0	0	116	0	116	97	2	0	24	123	7	656
2048	0	0	0	121	0	121	116	2	0	26	143	22	658
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	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	2	41	2,322	0	2,365	3,549	73	0	313	3,934	1,569	
NPV	0	1	22	668	0	691	1,263	29	0	57	1,349	658	

Discount Rate 7.54 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **1.95**

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	53.96	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	70.94887	kW
(3) kW LINE LOSS PERCENTAGE	7.22	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	636,295.84	kWh
(5) kWh LINE LOSS PERCENTAGE	5.76	%
(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	30	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.58642	
(5) K FACTOR FOR T & D	1.55920	

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	7.54	%
*	(11) UTILITY AFUDC RATE	6.50	%
*	(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	2014	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2017-2019	
(4) BASE YEAR AVOIDED GENERATING COST	776.33	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90	$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85	$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	58.35	$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50	%**
(10) TRANSMISSION FIXED O & M COST	3.53	$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34	$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50	%**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.065	CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50	%**
(15) GENERATOR CAPACITY FACTOR	56%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.85	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.65	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2014	0	11	0	11	15	4	233	0	0	233
2015	0	0	0	0	27	8	0	0	0	0
2016	0	0	0	0	28	8	0	0	0	0
2017	0	0	0	0	29	9	0	0	0	0
2018	0	0	0	0	32	9	0	0	0	0
2019	0	0	0	0	35	9	0	0	0	0
2020	0	0	0	0	36	10	0	0	0	0
2021	0	0	0	0	36	10	0	0	0	0
2022	0	0	0	0	37	11	0	0	0	0
2023	0	0	0	0	39	10	0	0	0	0
2024	0	11	0	11	40	10	299	0	0	299
2025	0	0	0	0	41	9	0	0	0	0
2026	0	0	0	0	43	9	0	0	0	0
2027	0	0	0	0	44	9	0	0	0	0
2028	0	0	0	0	45	9	0	0	0	0
2029	0	0	0	0	47	9	0	0	0	0
2030	0	0	0	0	48	9	0	0	0	0
2031	0	0	0	0	50	9	0	0	0	0
2032	0	0	0	0	52	10	0	0	0	0
2033	0	0	0	0	57	10	0	0	0	0
2034	0	11	0	12	59	10	382	0	0	382
2035	0	0	0	0	62	10	0	0	0	0
2036	0	0	0	0	66	10	0	0	0	0
2037	0	0	0	0	69	10	0	0	0	0
2038	0	0	0	0	72	10	0	0	0	0
2039	0	0	0	0	75	10	0	0	0	0
2040	0	0	0	0	78	10	0	0	0	0
2041	0	0	0	0	81	11	0	0	0	0
2042	0	0	0	0	85	11	0	0	0	0
2043	0	0	0	0	90	11	0	0	0	0
2044	1	11	0	12	95	11	489	0	0	489
2045	0	0	0	0	100	11	0	0	0	0
2046	0	0	0	0	105	11	0	0	0	0
2047	0	0	0	0	110	11	0	0	0	0
2048	0	0	0	0	116	11	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
NOM	2	44	0	46	2,044	339	1,403	0	0	1,403
NPV	1	20	0	21	560	119	522	0	0	522

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	67	1	0	4	3	1	0	2	0	12	12	12	66
2020	64	1	0	4	2	1	0	2	1	11	10	22	67
2021	61	1	0	4	2	1	0	2	1	11	9	31	69
2022	58	1	0	4	2	1	0	2	1	10	8	40	71
2023	55	1	0	3	2	1	0	2	1	10	8	47	72
2024	52	1	0	3	2	1	0	2	1	10	7	54	74
2025	50	1	0	3	2	1	0	2	0	9	6	60	76
2026	47	1	0	3	2	1	0	2	0	9	5	66	78
2027	44	1	0	3	2	1	0	2	0	9	5	70	80
2028	42	1	0	3	1	1	0	2	0	8	4	75	82
2029	39	1	0	2	1	1	0	2	0	8	4	78	84
2030	37	1	0	2	1	1	0	2	0	8	3	82	86
2031	34	1	0	2	1	1	0	2	0	7	3	85	88
2032	32	1	0	2	1	1	0	2	0	7	3	87	90
2033	29	1	0	2	1	1	0	2	0	7	2	90	93
2034	27	1	0	2	1	1	0	2	0	6	2	92	95
2035	24	1	0	2	1	1	0	2	0	6	2	94	97
2036	22	0	0	1	1	0	0	2	0	5	2	95	100
2037	19	0	0	1	1	0	0	2	0	5	1	97	102
2038	17	0	0	1	0	0	0	2	0	5	1	98	105
2039	14	0	0	1	1	0	0	2	(0)	4	1	99	108
2040	12	0	0	1	1	0	0	2	(1)	4	1	100	110
2041	11	0	0	1	1	0	0	2	(1)	4	1	101	113
2042	10	0	0	1	1	0	0	2	(1)	4	1	101	116
2043	8	0	0	1	1	0	0	2	(1)	4	1	102	119
2044	7	0	0	0	1	0	0	2	(1)	3	1	103	122
2045	6	0	0	0	1	0	0	2	(1)	3	0	103	125
2046	4	0	0	0	1	0	0	2	(1)	3	0	103	128
2047	3	0	0	0	1	0	0	2	(1)	3	0	104	131
2048	1	0	0	0	1	0	0	2	(1)	3	0	104	134

IN SERVICE COST	($000)	66
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.5%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	5.14	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58642

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE $(000)	SALVAGE TAX RATE $(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) $(000)	ACCUMULATED DEFERRED TAX $(000)
2019	3.75%	2	2	2	2	2	2	0	3	0	0	0	0	(1)
2020	7.22%	5	7	2	4	2	4	1	3	0	0	0	1	0
2021	6.68%	4	11	2	7	2	6	1	3	0	0	0	1	1
2022	6.18%	4	15	2	9	2	8	1	3	0	0	0	1	2
2023	5.71%	4	19	2	11	2	10	1	3	0	0	0	1	2
2024	5.29%	3	22	2	13	2	12	1	3	0	0	0	1	3
2025	4.89%	3	26	2	15	2	15	0	3	0	0	0	0	3
2026	4.52%	3	29	2	17	2	17	0	3	0	0	0	0	4
2027	4.46%	3	31	2	20	2	19	0	3	0	0	0	0	4
2028	4.46%	3	34	2	22	2	21	0	3	0	0	0	0	4
2029	4.46%	3	37	2	24	2	23	0	3	0	0	0	0	5
2030	4.46%	3	40	2	26	2	25	0	3	0	0	0	0	5
2031	4.46%	3	43	2	28	2	27	0	3	0	0	0	0	5
2032	4.46%	3	46	2	31	2	29	0	3	0	0	0	0	6
2033	4.46%	3	49	2	33	2	31	0	3	0	0	0	0	6
2034	4.46%	3	52	2	35	2	33	0	3	0	0	0	0	6
2035	4.46%	3	54	2	37	2	35	0	3	0	0	0	0	7
2036	4.46%	3	57	2	39	2	37	0	3	0	0	0	0	7
2037	4.46%	3	60	2	42	2	39	0	3	0	0	0	0	7
2038	4.46%	3	63	2	44	2	41	0	3	0	0	0	0	7
2039	2.23%	1	65	2	46	2	44	(0)	3	0	0	0	(0)	7
2040	0.00%	0	65	2	48	2	46	(1)	3	0	0	0	(1)	6
2041	0.00%	0	65	2	50	2	48	(1)	3	0	0	0	(1)	6
2042	0.00%	0	65	2	52	2	50	(1)	3	0	0	0	(1)	5
2043	0.00%	0	65	2	55	2	52	(1)	3	0	0	0	(1)	4
2044	0.00%	0	65	2	57	2	54	(1)	3	0	0	0	(1)	3
2045	0.00%	0	65	2	59	2	56	(1)	3	0	0	0	(1)	2
2046	0.00%	0	65	2	61	2	58	(1)	3	0	0	0	(1)	2
2047	0.00%	0	65	2	63	2	60	(1)	3	0	0	0	(1)	1
2048	0.00%	0	65	2	66	2	62	(1)	3	0	0	0	(1)	0

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

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	2	0	63	2	(1)	67	64	65
2020	7.22%	5	1	61	4	0	64	61	63
2021	6.68%	4	1	59	7	1	61	58	60
2022	6.18%	4	1	57	9	2	58	55	57
2023	5.71%	4	1	55	11	2	55	52	54
2024	5.29%	3	1	52	13	3	52	50	51
2025	4.89%	3	0	50	15	3	50	47	48
2026	4.52%	3	0	48	17	4	47	44	46
2027	4.46%	3	0	46	20	4	44	42	43
2028	4.46%	3	0	44	22	4	42	39	41
2029	4.46%	3	0	42	24	5	39	37	38
2030	4.46%	3	0	39	26	5	37	34	36
2031	4.46%	3	0	37	28	5	34	32	33
2032	4.46%	3	0	35	31	6	32	29	31
2033	4.46%	3	0	33	33	6	29	27	28
2034	4.46%	3	0	31	35	6	27	24	26
2035	4.46%	3	0	28	37	7	24	22	23
2036	4.46%	3	0	26	39	7	22	19	21
2037	4.46%	3	0	24	42	7	19	17	18
2038	4.46%	3	0	22	44	7	17	14	16
2039	2.23%	1	(0)	20	46	7	14	12	13
2040	0.00%	0	(1)	17	48	6	12	11	12
2041	0.00%	0	(1)	15	50	6	11	10	10
2042	0.00%	0	(1)	13	52	5	10	8	9
2043	0.00%	0	(1)	11	55	4	8	7	8
2044	0.00%	0	(1)	9	57	3	7	6	6
2045	0.00%	0	(1)	7	59	2	6	4	5
2046	0.00%	0	(1)	4	61	2	4	3	3
2047	0.00%	0	(1)	2	63	1	3	1	2
2048	0.00%	0	(1)	0	66	0	1	0	1

*** Column not specified in workbook**

(1) YEAR	(2) NO.YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING ($/kW)	(7) CUMULATIVE AVERAGE SPENDING ($/kW)
2014	-5	0.00%	1.000	0.11%	0.83	0.41
2015	-4	3.00%	1.030	0.28%	2.26	1.96
2016	-3	3.00%	1.061	8.69%	71.58	38.88
2017	-2	3.00%	1.093	53.83%	456.61	302.97
2018	-1	3.00%	1.126	37.09%	324.11	693.33
				100.00%	855.39	

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)
2014	-5	0.41	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.86	0.86
2015	-4	1.99	0.04	0.05	0.13	0.16	0.10	0.12	(0.02)	(0.03)	2.39	3.24
2016	-3	39.03	0.76	0.81	2.54	2.70	2.01	2.13	(0.48)	(0.51)	74.12	77.36
2017	-2	305.67	5.95	6.76	19.90	22.60	15.69	17.82	(3.76)	(4.27)	476.51	553.87
2018	-1	715.93	13.99	20.74	46.81	69.41	36.57	54.39	(8.71)	(12.98)	370.93	924.80
				20.74		69.41		54.39		(12.98)		924.80

IN SERVICE YEAR	2019
PLANT COSTS	776.3262845
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	61	61	61
EQUITY AFUDC	3		
DEBT AFUDC	1	1	
CPI			4
TOTAL	66	62	65

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2014	1	1	3.60	7.41	3.63	0.00	1.00	1.00
2015	1	1	4.45	7.58	4.49	0.00	1.00	1.00
2016	1	1	4.92	13.40	4.97	0.00	1.00	1.00
2017	1	1	4.27	9.98	4.30	0.00	1.00	1.00
2018	1	1	5.27	13.10	5.31	0.00	1.00	1.00
2019	1	1	5.38	16.69	5.42	5.05	1.00	1.00
2020	1	1	5.65	16.15	5.69	5.04	1.00	1.00
2021	1	1	5.65	15.04	5.69	5.11	1.00	1.00
2022	1	1	5.60	14.99	5.63	5.07	1.00	1.00
2023	1	1	5.60	15.75	5.63	5.17	1.00	1.00
2024	1	1	5.81	13.56	5.84	5.46	1.00	1.00
2025	1	1	5.98	15.76	6.01	5.61	1.00	1.00
2026	1	1	5.73	13.51	5.76	5.73	1.00	1.00
2027	1	1	6.01	15.25	6.05	6.01	1.00	1.00
2028	1	1	6.07	14.05	6.11	6.10	1.00	1.00
2029	1	1	6.28	12.85	6.32	6.40	1.00	1.00
2030	1	1	6.34	12.83	6.38	6.40	1.00	1.00
2031	1	1	6.57	13.93	6.60	6.72	1.00	1.00
2032	1	1	6.62	10.43	6.65	6.79	1.00	1.00
2033	1	1	6.97	13.98	6.99	7.12	1.00	1.00
2034	1	1	7.05	11.02	7.07	7.32	1.00	1.00
2035	1	1	7.19	10.16	7.21	7.51	1.00	1.00
2036	1	1	7.47	11.48	7.48	7.70	1.00	1.00
2037	1	1	7.68	11.95	7.70	8.03	1.00	1.00
2038	1	1	7.94	11.69	7.96	8.32	1.00	1.00
2039	1	1	8.12	11.20	8.14	8.48	1.00	1.00
2040	1	1	8.35	11.41	8.36	8.85	1.00	1.00
2041	1	1	8.67	12.00	8.68	9.11	1.00	1.00
2042	1	1	8.99	13.22	9.00	9.45	1.00	1.00
2043	1	1	9.27	13.00	9.29	9.80	1.00	1.00
2044	1	1	9.60	13.80	9.62	10.24	1.00	1.00
2045	1	1	9.94	13.55	9.96	10.56	1.00	1.00
2046	1	1	10.25	12.80	10.26	10.91	1.00	1.00
2047	1	1	10.57	13.55	10.59	11.25	1.00	1.00
2048	1	1	11.00	15.19	11.02	11.71	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
	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.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
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	12	5	0	13	18	12
2020	11	5	0	24	30	11
2021	11	5	0	24	30	10
2022	10	5	0	25	30	11
2023	10	5	0	26	31	11
2024	10	5	0	28	32	11
2025	9	5	0	29	33	11
2026	9	6	0	28	32	11
2027	9	6	0	29	33	11
2028	8	6	1	31	34	12
2029	8	6	1	32	35	11
2030	8	6	1	32	35	11
2031	7	6	1	34	37	11
2032	7	6	1	35	38	11
2033	7	7	1	37	40	11
2034	6	7	1	38	41	11
2035	6	7	1	40	42	11
2036	5	7	1	41	43	11
2037	5	7	1	43	45	11
2038	5	7	1	44	46	11
2039	4	8	1	46	47	11
2040	4	8	1	48	49	11
2041	4	8	1	49	51	11
2042	4	8	1	51	53	11
2043	4	8	1	53	55	11
2044	3	9	1	55	57	11
2045	3	9	1	57	59	11
2046	3	9	1	60	61	11
2047	3	9	1	61	63	11
2048	3	10	1	64	65	11
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
NOM	197	206	18	1,178	1,265	333
NPV	72	53	5	282	315	98

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2014	0	0	0	0	0	0	26	0
2015	2	0	2	0	0	0	52	0
2016	2	0	2	0	0	0	96	0
2017	2	0	2	0	0	0	71	0
2018	2	0	2	0	0	0	94	0
2019	2	0	2	0	0	0	121	0
2020	1	0	2	0	0	0	116	0
2021	1	0	2	0	0	0	108	0
2022	1	0	2	0	0	0	108	0
2023	1	0	2	0	0	0	113	0
2024	1	0	2	0	0	0	96	0
2025	1	0	2	0	0	0	113	0
2026	1	0	1	0	0	0	96	0
2027	1	0	1	0	0	0	109	0
2028	1	0	1	0	0	0	100	0
2029	1	0	1	0	0	0	90	0
2030	1	0	1	0	0	0	90	0
2031	1	0	1	0	0	0	98	0
2032	1	0	1	0	0	0	71	0
2033	1	0	1	0	0	0	98	0
2034	1	0	1	0	0	0	75	0
2035	1	0	1	0	0	0	69	0
2036	1	0	1	0	0	0	78	0
2037	1	0	1	0	0	0	82	0
2038	1	0	1	0	0	0	79	0
2039	1	0	1	0	0	0	75	0
2040	1	0	1	0	0	0	77	0
2041	1	0	1	0	0	0	81	0
2042	1	1	1	0	0	0	90	0
2043	1	1	1	0	0	0	88	0
2044	1	1	1	0	0	0	93	0
2045	1	1	1	0	0	0	91	0
2046	1	1	1	0	0	0	85	0
2047	0	1	1	0	0	0	90	0
2048	0	1	1	0	0	0	102	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	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.	34	14	48	4	7	11	3,122	0
NPV	15	4	20	2	2	4	1,156	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT $(000)	(3) REPLACEMENT EMISSION COST $(000)	(4) PROGRAM EMISSION BENEFIT $(000)	(5) OFF-PEAK EMISSION PAYBACK COST $(000)	(6) NET EMISSION BENEFIT $(000)
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	2	3	3	0	3
2023	3	5	5	0	4
2024	4	5	5	0	4
2025	4	5	6	0	5
2026	4	6	6	0	5
2027	5	6	7	0	6
2028	5	7	8	0	6
2029	6	7	9	0	7
2030	6	8	9	0	8
2031	7	9	10	0	8
2032	8	10	11	0	9
2033	8	11	13	0	10
2034	9	12	14	0	11
2035	10	13	15	0	12
2036	11	14	16	0	13
2037	12	15	17	0	14
2038	13	17	19	0	15
2039	14	18	20	0	16
2040	15	19	22	0	17
2041	16	21	24	0	19
2042	17	22	26	0	20
2043	18	24	28	0	22
2044	20	26	30	0	23
2045	21	28	32	0	25
2046	23	30	34	0	27
2047	24	32	36	0	28
2048	26	34	38	0	30
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	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	310	406	464	0	368
NPV	55	73	83	0	66

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	233	0	233	0	0	26	0	26	(207)	(207)
2015	0	0	0	0	0	0	2	52	0	55	55	(156)
2016	0	0	0	0	0	0	2	96	0	99	99	(71)
2017	0	0	0	0	0	0	2	71	0	73	73	(12)
2018	0	0	0	0	0	0	2	94	0	96	96	60
2019	0	0	0	0	0	12	2	121	0	136	136	154
2020	0	0	0	0	0	11	2	116	0	129	129	238
2021	0	0	0	0	0	10	2	108	0	120	120	310
2022	0	0	0	0	0	11	2	108	3	123	123	379
2023	0	0	0	0	0	11	2	113	4	131	131	447
2024	0	0	299	0	299	11	2	96	4	113	(185)	357
2025	0	0	0	0	0	11	2	113	5	130	130	416
2026	0	0	0	0	0	11	2	96	5	114	114	464
2027	0	0	0	0	0	11	2	109	6	127	127	513
2028	0	0	0	0	0	12	2	100	6	119	119	556
2029	0	0	0	0	0	11	2	90	7	110	110	593
2030	0	0	0	0	0	11	2	90	8	111	111	628
2031	0	0	0	0	0	11	2	98	8	119	119	663
2032	0	0	0	0	0	11	2	71	9	93	93	688
2033	0	0	0	0	0	11	2	98	10	120	120	718
2034	0	0	382	0	383	11	2	75	11	99	(284)	652
2035	0	0	0	0	0	11	2	69	12	93	93	672
2036	0	0	0	0	0	11	2	78	13	104	104	693
2037	0	0	0	0	0	11	1	82	14	108	108	713
2038	0	0	0	0	0	11	1	79	15	106	106	732
2039	0	0	0	0	0	11	1	75	16	104	104	749
2040	0	0	0	0	0	11	1	77	17	106	106	765
2041	0	0	0	0	0	11	1	81	19	112	112	781
2042	0	0	0	0	0	11	1	90	20	123	123	797
2043	0	0	0	0	0	11	1	88	22	122	122	811
2044	0	1	489	0	490	11	1	93	23	129	(361)	771
2045	0	0	0	0	0	11	1	91	25	128	128	784
2046	0	0	0	0	0	11	1	85	27	124	124	796
2047	0	0	0	0	0	11	1	90	28	131	131	808
2048	0	0	0	0	0	11	1	102	30	145	145	821
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	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	2	1,403	0	1,405	333	59	3,122	368	3,881	2,477	
NPV	0	1	522	0	523	98	24	1,156	66	1,343	821	

Discount Rate: 7.54 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **2.57**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	22	0	11	0	33	233	0	0	233	(200)	(200)
2015	41	0	0	0	41	0	0	0	0	41	(162)
2016	42	0	0	0	42	0	0	0	0	42	(125)
2017	44	0	0	0	44	0	0	0	0	44	(90)
2018	48	0	0	0	48	0	0	0	0	48	(55)
2019	52	0	0	0	52	0	0	0	0	52	(19)
2020	53	0	0	0	53	0	0	0	0	53	15
2021	54	0	0	0	54	0	0	0	0	54	47
2022	55	0	0	0	55	0	0	0	0	55	78
2023	57	0	0	0	57	0	0	0	0	57	108
2024	58	0	11	0	69	299	0	0	299	(229)	(3)
2025	59	0	0	0	59	0	0	0	0	59	23
2026	61	0	0	0	61	0	0	0	0	61	49
2027	62	0	0	0	62	0	0	0	0	62	73
2028	64	0	0	0	64	0	0	0	0	64	96
2029	65	0	0	0	65	0	0	0	0	65	118
2030	67	0	0	0	67	0	0	0	0	67	139
2031	69	0	0	0	69	0	0	0	0	69	159
2032	73	0	0	0	73	0	0	0	0	73	179
2033	78	0	0	0	78	0	0	0	0	78	198
2034	81	0	11	0	92	382	0	0	382	(290)	131
2035	84	0	0	0	84	0	0	0	0	84	149
2036	90	0	0	0	90	0	0	0	0	90	167
2037	93	0	0	0	93	0	0	0	0	93	185
2038	97	0	0	0	97	0	0	0	0	97	202
2039	101	0	0	0	101	0	0	0	0	101	218
2040	104	0	0	0	104	0	0	0	0	104	234
2041	108	0	0	0	108	0	0	0	0	108	249
2042	113	0	0	0	113	0	0	0	0	113	264
2043	120	0	0	0	120	0	0	0	0	120	278
2044	125	0	11	0	136	489	0	0	489	(353)	238
2045	131	0	0	0	131	0	0	0	0	131	252
2046	137	0	0	0	137	0	0	0	0	137	266
2047	144	0	0	0	144	0	0	0	0	144	279
2048	151	0	0	0	151	0	0	0	0	151	291
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	2,802	0	44	0	2,846	1,403	0	0	1,403	1,443	
NPV	793	0	20	0	814	522	0	0	522	291	

In Service of Gen Unit: 2019
Discount Rate : 7.54 %
Benefit/Cost Ratio (Col(6) / Col(10)) **1.56**

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	11	19	0	30	26	0	0	0	26	(4)	(4)
2015	0	0	0	36	0	36	52	2	0	0	55	19	14
2016	0	0	0	36	0	36	96	2	0	0	99	62	68
2017	0	0	0	38	0	38	71	2	0	0	73	36	97
2018	0	0	0	41	0	41	94	2	0	0	96	55	138
2019	0	0	0	44	0	44	133	2	0	0	136	91	201
2020	0	0	0	45	0	45	127	2	0	0	129	84	255
2021	0	0	0	46	0	46	118	2	0	0	120	74	300
2022	0	0	0	48	0	48	119	2	0	3	123	76	342
2023	0	0	0	49	0	49	125	2	0	4	131	82	385
2024	0	0	11	50	0	61	107	2	0	4	113	52	410
2025	0	0	0	51	0	51	124	2	0	5	130	80	446
2026	0	0	0	52	0	52	107	2	0	5	114	63	472
2027	0	0	0	53	0	53	120	2	0	6	127	74	501
2028	0	0	0	54	0	54	111	2	0	6	119	65	524
2029	0	0	0	56	0	56	101	2	0	7	110	54	542
2030	0	0	0	57	0	57	101	2	0	8	111	53	559
2031	0	0	0	59	0	59	109	2	0	8	119	60	577
2032	0	0	0	62	0	62	83	2	0	9	93	31	585
2033	0	0	0	67	0	67	109	2	0	10	120	54	599
2034	0	0	11	69	0	81	86	2	0	11	99	18	603
2035	0	0	0	72	0	72	80	2	0	12	93	21	607
2036	0	0	0	76	0	76	89	2	0	13	104	27	613
2037	0	0	0	79	0	79	92	1	0	14	108	29	618
2038	0	0	0	82	0	82	90	1	0	15	106	24	623
2039	0	0	0	85	0	85	87	1	0	16	104	19	626
2040	0	0	0	88	0	88	88	1	0	17	106	18	628
2041	0	0	0	92	0	92	92	1	0	19	112	20	631
2042	0	0	0	96	0	96	101	1	0	20	123	27	635
2043	0	0	0	101	0	101	99	1	0	22	122	21	637
2044	0	1	11	106	0	117	104	1	0	23	129	12	639
2045	0	0	0	111	0	111	102	1	0	25	128	18	640
2046	0	0	0	116	0	116	96	1	0	27	124	8	641
2047	0	0	0	121	0	121	102	1	0	28	131	10	642
2048	0	0	0	127	0	127	114	1	0	30	145	18	644
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	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	2	44	2,383	0	2,429	3,455	59	0	368	3,881	1,452	
NPV	0	1	20	679	0	700	1,254	24	0	66	1,343	644	

Discount Rate 7.54 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **1.92**

SCHEDULE CT-6

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	14.06	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	18.48147	kW
(3) kW LINE LOSS PERCENTAGE	7.22	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	62,815.21	kWh
(5) kWh LINE LOSS PERCENTAGE	5.76	%
(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	30	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.58642	
(5) K FACTOR FOR T & D	1.55920	

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	7.54	%
*	(11) UTILITY AFUDC RATE	6.50	%
*	(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	2014	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2017-2019	
(4) BASE YEAR AVOIDED GENERATING COST	776.33	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90	$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85	$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	58.35	$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50	%**
(10) TRANSMISSION FIXED O & M COST	3.53	$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34	$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50	%**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.065	CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50	%**
(15) GENERATOR CAPACITY FACTOR	56%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.85	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.65	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2014	0	3	0	3	3	0	26	0	0	26
2015	0	0	0	0	6	0	0	0	0	0
2016	0	0	0	0	6	0	0	0	0	0
2017	0	0	0	0	6	0	0	0	0	0
2018	0	0	0	0	6	0	0	0	0	0
2019	0	0	0	0	7	0	0	0	0	0
2020	0	3	0	3	7	0	31	0	0	31
2021	0	0	0	0	7	0	0	0	0	0
2022	0	0	0	0	7	0	0	0	0	0
2023	0	0	0	0	7	0	0	0	0	0
2024	0	0	0	0	7	0	0	0	0	0
2025	0	0	0	0	8	0	0	0	0	0
2026	0	3	0	3	8	0	36	0	0	36
2027	0	0	0	0	8	0	0	0	0	0
2028	0	0	0	0	8	0	0	0	0	0
2029	0	0	0	0	8	0	0	0	0	0
2030	0	0	0	0	8	0	0	0	0	0
2031	0	0	0	0	8	0	0	0	0	0
2032	0	3	0	3	9	0	41	0	0	41
2033	0	0	0	0	9	0	0	0	0	0
2034	0	0	0	0	10	0	0	0	0	0
2035	0	0	0	0	10	0	0	0	0	0
2036	0	0	0	0	10	0	0	0	0	0
2037	0	0	0	0	11	0	0	0	0	0
2038	0	3	0	3	11	0	48	0	0	48
2039	0	0	0	0	11	0	0	0	0	0
2040	0	0	0	0	12	0	0	0	0	0
2041	0	0	0	0	12	0	0	0	0	0
2042	0	0	0	0	12	0	0	0	0	0
2043	0	0	0	0	13	0	0	0	0	0
2044	0	3	0	3	13	0	55	0	0	55
2045	0	0	0	0	14	0	0	0	0	0
2046	0	0	0	0	14	0	0	0	0	0
2047	0	0	0	0	15	0	0	0	0	0
2048	0	0	0	0	16	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	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	17	0	19	325	0	237	0	0	237
NPV	1	8	0	8	97	0	87	0	0	87

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	17	0	0	1	1	0	0	1	0	3	3	3	17
2020	17	0	0	1	0	0	0	1	0	3	3	6	18
2021	16	0	0	1	0	0	0	1	0	3	2	8	18
2022	15	0	0	1	0	0	0	1	0	3	2	10	18
2023	14	0	0	1	0	0	0	1	0	3	2	12	19
2024	14	0	0	1	0	0	0	1	0	3	2	14	19
2025	13	0	0	1	0	0	0	1	0	2	2	16	20
2026	12	0	0	1	0	0	0	1	0	2	1	17	20
2027	12	0	0	1	0	0	0	1	0	2	1	18	21
2028	11	0	0	1	0	0	0	1	0	2	1	19	21
2029	10	0	0	1	0	0	0	1	0	2	1	20	22
2030	10	0	0	1	0	0	0	1	0	2	1	21	22
2031	9	0	0	1	0	0	0	1	0	2	1	22	23
2032	8	0	0	1	0	0	0	1	0	2	1	23	24
2033	8	0	0	0	0	0	0	1	0	2	1	23	24
2034	7	0	0	0	0	0	0	1	0	2	1	24	25
2035	6	0	0	0	0	0	0	1	0	2	0	24	25
2036	6	0	0	0	0	0	0	1	0	1	0	25	26
2037	5	0	0	0	0	0	0	1	0	1	0	25	27
2038	4	0	0	0	0	0	0	1	0	1	0	26	27
2039	4	0	0	0	0	0	0	1	(0)	1	0	26	28
2040	3	0	0	0	0	0	0	1	(0)	1	0	26	29
2041	3	0	0	0	0	0	0	1	(0)	1	0	26	29
2042	3	0	0	0	0	0	0	1	(0)	1	0	26	30
2043	2	0	0	0	0	0	0	1	(0)	1	0	27	31
2044	2	0	0	0	0	0	0	1	(0)	1	0	27	32
2045	1	0	0	0	0	0	0	1	(0)	1	0	27	32
2046	1	0	0	0	0	0	0	1	(0)	1	0	27	33
2047	1	0	0	0	0	0	0	1	(0)	1	0	27	34
2048	0	0	0	0	0	0	0	1	(0)	1	0	27	35

IN SERVICE COST	($000)	17
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.5%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	5.14	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58642

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE $(000)	SALVAGE TAX RATE $(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) $(000)	ACCUMULATED DEFERRED TAX $(000)
2019	3.75%	1	1	1	1	1	1	0	1	0	0	0	0	(0)
2020	7.22%	1	2	1	1	1	1	0	1	0	0	0	0	0
2021	6.68%	1	3	1	2	1	2	0	1	0	0	0	0	0
2022	6.18%	1	4	1	2	1	2	0	1	0	0	0	0	0
2023	5.71%	1	5	1	3	1	3	0	1	0	0	0	0	1
2024	5.29%	1	6	1	3	1	3	0	1	0	0	0	0	1
2025	4.89%	1	7	1	4	1	4	0	1	0	0	0	0	1
2026	4.52%	1	7	1	5	1	4	0	1	0	0	0	0	1
2027	4.46%	1	8	1	5	1	5	0	1	0	0	0	0	1
2028	4.46%	1	9	1	6	1	5	0	1	0	0	0	0	1
2029	4.46%	1	10	1	6	1	6	0	1	0	0	0	0	1
2030	4.46%	1	10	1	7	1	6	0	1	0	0	0	0	1
2031	4.46%	1	11	1	7	1	7	0	1	0	0	0	0	1
2032	4.46%	1	12	1	8	1	8	0	1	0	0	0	0	1
2033	4.46%	1	13	1	9	1	8	0	1	0	0	0	0	2
2034	4.46%	1	13	1	9	1	9	0	1	0	0	0	0	2
2035	4.46%	1	14	1	10	1	9	0	1	0	0	0	0	2
2036	4.46%	1	15	1	10	1	10	0	1	0	0	0	0	2
2037	4.46%	1	16	1	11	1	10	0	1	0	0	0	0	2
2038	4.46%	1	16	1	11	1	11	0	1	0	0	0	0	2
2039	2.23%	0	17	1	12	1	11	(0)	1	0	0	0	(0)	2
2040	0.00%	0	17	1	13	1	12	(0)	1	0	0	0	(0)	2
2041	0.00%	0	17	1	13	1	12	(0)	1	0	0	0	(0)	1
2042	0.00%	0	17	1	14	1	13	(0)	1	0	0	0	(0)	1
2043	0.00%	0	17	1	14	1	13	(0)	1	0	0	0	(0)	1
2044	0.00%	0	17	1	15	1	14	(0)	1	0	0	0	(0)	1
2045	0.00%	0	17	1	15	1	15	(0)	1	0	0	0	(0)	1
2046	0.00%	0	17	1	16	1	15	(0)	1	0	0	0	(0)	0
2047	0.00%	0	17	1	17	1	16	(0)	1	0	0	0	(0)	0
2048	0.00%	0	17	1	17	1	16	(0)	1	0	0	0	(0)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(0)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	1
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	1	0	17	1	(0)	17	17	17
2020	7.22%	1	0	16	1	0	17	16	16
2021	6.68%	1	0	15	2	0	16	15	15
2022	6.18%	1	0	15	2	0	15	14	15
2023	5.71%	1	0	14	3	1	14	14	14
2024	5.29%	1	0	14	3	1	14	13	13
2025	4.89%	1	0	13	4	1	13	12	13
2026	4.52%	1	0	13	5	1	12	12	12
2027	4.46%	1	0	12	5	1	12	11	11
2028	4.46%	1	0	11	6	1	11	10	11
2029	4.46%	1	0	11	6	1	10	10	10
2030	4.46%	1	0	10	7	1	10	9	9
2031	4.46%	1	0	10	7	1	9	8	9
2032	4.46%	1	0	9	8	1	8	8	8
2033	4.46%	1	0	9	9	2	8	7	7
2034	4.46%	1	0	8	9	2	7	6	7
2035	4.46%	1	0	7	10	2	6	6	6
2036	4.46%	1	0	7	10	2	6	5	5
2037	4.46%	1	0	6	11	2	5	4	5
2038	4.46%	1	0	6	11	2	4	4	4
2039	2.23%	0	(0)	5	12	2	4	3	4
2040	0.00%	0	(0)	5	13	2	3	3	3
2041	0.00%	0	(0)	4	13	1	3	3	3
2042	0.00%	0	(0)	3	14	1	3	2	2
2043	0.00%	0	(0)	3	14	1	2	2	2
2044	0.00%	0	(0)	2	15	1	2	1	2
2045	0.00%	0	(0)	2	15	1	1	1	1
2046	0.00%	0	(0)	1	16	0	1	1	1
2047	0.00%	0	(0)	1	17	0	1	0	1
2048	0.00%	0	(0)	0	17	0	0	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)
2014	-5	0.00%	1.000	0.11%	0.83	0.41
2015	-4	3.00%	1.030	0.28%	2.26	1.96
2016	-3	3.00%	1.061	8.69%	71.58	38.88
2017	-2	3.00%	1.093	53.83%	456.61	302.97
2018	-1	3.00%	1.126	37.09%	324.11	693.33
				100.00%	855.39	

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)
2014	-5	0.41	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.86	0.86
2015	-4	1.99	0.04	0.05	0.13	0.16	0.10	0.12	(0.02)	(0.03)	2.39	3.24
2016	-3	39.03	0.76	0.81	2.54	2.70	2.01	2.13	(0.48)	(0.51)	74.12	77.36
2017	-2	305.67	5.95	6.76	19.90	22.60	15.69	17.82	(3.76)	(4.27)	476.51	553.87
2018	-1	715.93	13.99	20.74	46.81	69.41	36.57	54.39	(8.71)	(12.98)	370.93	924.80
				20.74		69.41		54.39		(12.98)		924.80

IN SERVICE YEAR	2019
PLANT COSTS	776.3262845
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	16	16	16
EQUITY AFUDC	1		
DEBT AFUDC	0	0	
CPI			1
TOTAL	17	16	17

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2014	1	1	3.60	7.41	3.63	0.00	1.00	1.00
2015	1	1	4.45	7.58	4.49	0.00	1.00	1.00
2016	1	1	4.92	13.40	4.97	0.00	1.00	1.00
2017	1	1	4.27	9.98	4.30	0.00	1.00	1.00
2018	1	1	5.27	13.10	5.31	0.00	1.00	1.00
2019	1	1	5.38	16.69	5.42	5.05	1.00	1.00
2020	1	1	5.65	16.15	5.69	5.04	1.00	1.00
2021	1	1	5.65	15.04	5.69	5.11	1.00	1.00
2022	1	1	5.60	14.99	5.63	5.07	1.00	1.00
2023	1	1	5.60	15.75	5.63	5.17	1.00	1.00
2024	1	1	5.81	13.56	5.84	5.46	1.00	1.00
2025	1	1	5.98	15.76	6.01	5.61	1.00	1.00
2026	1	1	5.73	13.51	5.76	5.73	1.00	1.00
2027	1	1	6.01	15.25	6.05	6.01	1.00	1.00
2028	1	1	6.07	14.05	6.11	6.10	1.00	1.00
2029	1	1	6.28	12.85	6.32	6.40	1.00	1.00
2030	1	1	6.34	12.83	6.38	6.40	1.00	1.00
2031	1	1	6.57	13.93	6.60	6.72	1.00	1.00
2032	1	1	6.62	10.43	6.65	6.79	1.00	1.00
2033	1	1	6.97	13.98	6.99	7.12	1.00	1.00
2034	1	1	7.05	11.02	7.07	7.32	1.00	1.00
2035	1	1	7.19	10.16	7.21	7.51	1.00	1.00
2036	1	1	7.47	11.48	7.48	7.70	1.00	1.00
2037	1	1	7.68	11.95	7.70	8.03	1.00	1.00
2038	1	1	7.94	11.69	7.96	8.32	1.00	1.00
2039	1	1	8.12	11.20	8.14	8.48	1.00	1.00
2040	1	1	8.35	11.41	8.36	8.85	1.00	1.00
2041	1	1	8.67	12.00	8.68	9.11	1.00	1.00
2042	1	1	8.99	13.22	9.00	9.45	1.00	1.00
2043	1	1	9.27	13.00	9.29	9.80	1.00	1.00
2044	1	1	9.60	13.80	9.62	10.24	1.00	1.00
2045	1	1	9.94	13.55	9.96	10.56	1.00	1.00
2046	1	1	10.25	12.80	10.26	10.91	1.00	1.00
2047	1	1	10.57	13.55	10.59	11.25	1.00	1.00
2048	1	1	11.00	15.19	11.02	11.71	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
	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.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
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	3	1	0	3	5	3
2020	3	1	0	6	8	3
2021	3	1	0	6	8	3
2022	3	1	0	7	8	3
2023	3	1	0	7	8	3
2024	3	1	0	7	8	3
2025	2	1	0	7	9	3
2026	2	1	0	7	8	3
2027	2	1	0	8	9	3
2028	2	2	0	8	9	3
2029	2	2	0	8	9	3
2030	2	2	0	8	9	3
2031	2	2	0	9	10	3
2032	2	2	0	9	10	3
2033	2	2	0	10	10	3
2034	2	2	0	10	11	3
2035	2	2	0	10	11	3
2036	1	2	0	11	11	3
2037	1	2	0	11	12	3
2038	1	2	0	12	12	3
2039	1	2	0	12	12	3
2040	1	2	0	12	13	3
2041	1	2	0	13	13	3
2042	1	2	0	13	14	3
2043	1	2	0	14	14	3
2044	1	2	0	14	15	3
2045	1	2	0	15	15	3
2046	1	2	0	16	16	3
2047	1	2	0	16	16	3
2048	1	2	0	17	17	3
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	51	54	5	307	329	87
NPV	19	14	1	74	82	25

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2014	0	0	0	0	0	0	3	0
2015	0	0	1	0	0	0	5	0
2016	0	0	1	0	0	0	10	0
2017	0	0	1	0	0	0	7	0
2018	0	0	0	0	0	0	9	0
2019	0	0	0	0	0	0	12	0
2020	0	0	0	0	0	0	11	0
2021	0	0	0	0	0	0	11	0
2022	0	0	0	0	0	0	11	0
2023	0	0	0	0	0	0	11	0
2024	0	0	0	0	0	0	10	0
2025	0	0	0	0	0	0	11	0
2026	0	0	0	0	0	0	9	0
2027	0	0	0	0	0	0	11	0
2028	0	0	0	0	0	0	10	0
2029	0	0	0	0	0	0	9	0
2030	0	0	0	0	0	0	9	0
2031	0	0	0	0	0	0	10	0
2032	0	0	0	0	0	0	7	0
2033	0	0	0	0	0	0	10	0
2034	0	0	0	0	0	0	7	0
2035	0	0	0	0	0	0	7	0
2036	0	0	0	0	0	0	8	0
2037	0	0	0	0	0	0	8	0
2038	0	0	0	0	0	0	8	0
2039	0	0	0	0	0	0	7	0
2040	0	0	0	0	0	0	8	0
2041	0	0	0	0	0	0	8	0
2042	0	0	0	0	0	0	9	0
2043	0	0	0	0	0	0	9	0
2044	0	0	0	0	0	0	9	0
2045	0	0	0	0	0	0	9	0
2046	0	0	0	0	0	0	8	0
2047	0	0	0	0	0	0	9	0
2048	0	0	0	0	0	0	10	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	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.	9	4	12	1	2	3	308	0
NPV	4	1	5	1	1	1	114	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT $(000)	(3) REPLACEMENT EMISSION COST $(000)	(4) PROGRAM EMISSION BENEFIT $(000)	(5) OFF-PEAK EMISSION PAYBACK COST $(000)	(6) NET EMISSION BENEFIT $(000)
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	1	1	0	0	0
2023	1	1	0	0	0
2024	1	1	1	0	0
2025	1	1	1	0	0
2026	1	1	1	0	0
2027	1	2	1	0	0
2028	1	2	1	0	0
2029	1	2	1	0	0
2030	2	2	1	0	0
2031	2	2	1	0	0
2032	2	3	1	0	1
2033	2	3	1	0	1
2034	2	3	1	0	1
2035	3	3	1	0	1
2036	3	4	2	0	1
2037	3	4	2	0	1
2038	3	4	2	0	1
2039	4	5	2	0	1
2040	4	5	2	0	1
2041	4	5	2	0	1
2042	4	6	3	0	1
2043	5	6	3	0	1
2044	5	7	3	0	1
2045	6	7	3	0	1
2046	6	8	3	0	2
2047	6	8	4	0	2
2048	7	9	4	0	2
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	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	81	106	46	0	21
NPV	14	19	8	0	4

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	26	0	27	0	0	3	0	3	(24)	(24)
2015	0	0	0	0	0	0	1	5	0	6	6	(19)
2016	0	0	0	0	0	0	1	10	0	10	10	(10)
2017	0	0	0	0	0	0	1	7	0	8	8	(4)
2018	0	0	0	0	0	0	1	9	0	10	10	4
2019	0	0	0	0	0	3	1	12	0	16	16	15
2020	0	0	31	0	31	3	1	11	0	15	(16)	4
2021	0	0	0	0	0	3	1	11	0	14	14	13
2022	0	0	0	0	0	3	1	11	0	14	14	20
2023	0	0	0	0	0	3	1	11	0	15	15	28
2024	0	0	0	0	0	3	1	10	0	13	13	34
2025	0	0	0	0	0	3	0	11	0	15	15	41
2026	0	0	36	0	36	3	0	9	0	13	(23)	32
2027	0	0	0	0	0	3	0	11	0	14	14	37
2028	0	0	0	0	0	3	0	10	0	14	14	42
2029	0	0	0	0	0	3	0	9	0	13	13	46
2030	0	0	0	0	0	3	0	9	0	13	13	50
2031	0	0	0	0	0	3	0	10	0	13	13	54
2032	0	0	41	0	42	3	0	7	1	11	(31)	46
2033	0	0	0	0	0	3	0	10	1	13	13	49
2034	0	0	0	0	0	3	0	7	1	11	11	52
2035	0	0	0	0	0	3	0	7	1	11	11	54
2036	0	0	0	0	0	3	0	8	1	12	12	57
2037	0	0	0	0	0	3	0	8	1	12	12	59
2038	0	0	48	0	48	3	0	8	1	12	(36)	53
2039	0	0	0	0	0	3	0	7	1	12	12	55
2040	0	0	0	0	0	3	0	8	1	12	12	56
2041	0	0	0	0	0	3	0	8	1	12	12	58
2042	0	0	0	0	0	3	0	9	1	13	13	60
2043	0	0	0	0	0	3	0	9	1	13	13	61
2044	0	0	55	0	56	3	0	9	1	14	(42)	57
2045	0	0	0	0	0	3	0	9	1	14	14	58
2046	0	0	0	0	0	3	0	8	2	13	13	59
2047	0	0	0	0	0	3	0	9	2	14	14	61
2048	0	0	0	0	0	3	0	10	2	15	15	62
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	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	2	237	0	239	87	15	308	21	431	192	
NPV	0	1	87	0	87	25	6	114	4	149	62	

Discount Rate: 7.54 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **1.71**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	3	0	3	0	6	26	0	0	26	(20)	(20)
2015	7	0	0	0	7	0	0	0	0	7	(14)
2016	7	0	0	0	7	0	0	0	0	7	(8)
2017	7	0	0	0	7	0	0	0	0	7	(2)
2018	7	0	0	0	7	0	0	0	0	7	3
2019	8	0	0	0	8	0	0	0	0	8	9
2020	8	0	3	0	11	31	0	0	31	(20)	(4)
2021	8	0	0	0	8	0	0	0	0	8	1
2022	9	0	0	0	9	0	0	0	0	9	6
2023	9	0	0	0	9	0	0	0	0	9	10
2024	9	0	0	0	9	0	0	0	0	9	15
2025	9	0	0	0	9	0	0	0	0	9	19
2026	9	0	3	0	12	36	0	0	36	(23)	9
2027	9	0	0	0	9	0	0	0	0	9	13
2028	9	0	0	0	9	0	0	0	0	9	16
2029	10	0	0	0	10	0	0	0	0	10	19
2030	10	0	0	0	10	0	0	0	0	10	23
2031	10	0	0	0	10	0	0	0	0	10	25
2032	10	0	3	0	13	41	0	0	41	(28)	18
2033	11	0	0	0	11	0	0	0	0	11	21
2034	11	0	0	0	11	0	0	0	0	11	23
2035	12	0	0	0	12	0	0	0	0	12	26
2036	12	0	0	0	12	0	0	0	0	12	28
2037	13	0	0	0	13	0	0	0	0	13	31
2038	13	0	3	0	16	48	0	0	48	(32)	25
2039	14	0	0	0	14	0	0	0	0	14	28
2040	14	0	0	0	14	0	0	0	0	14	30
2041	14	0	0	0	14	0	0	0	0	14	32
2042	15	0	0	0	15	0	0	0	0	15	34
2043	16	0	0	0	16	0	0	0	0	16	36
2044	16	0	3	0	19	55	0	0	55	(36)	31
2045	17	0	0	0	17	0	0	0	0	17	33
2046	17	0	0	0	17	0	0	0	0	17	35
2047	18	0	0	0	18	0	0	0	0	18	37
2048	19	0	0	0	19	0	0	0	0	19	38
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	392	0	17	0	409	237	0	0	237	172	
NPV	117	0	8	0	125	87	0	0	87	38	

In Service of Gen Unit: 2019
Discount Rate : 7.54 %
Benefit/Cost Ratio (Col(6) / Col(10)) **1.44**

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	3	3	0	6	3	0	0	0	3	(3)	(3)
2015	0	0	0	6	0	6	5	1	0	0	6	0	(3)
2016	0	0	0	6	0	6	10	1	0	0	10	5	1
2017	0	0	0	6	0	6	7	1	0	0	8	2	2
2018	0	0	0	6	0	6	9	1	0	0	10	4	5
2019	0	0	0	7	0	7	15	1	0	0	16	9	11
2020	0	0	3	7	0	10	14	1	0	0	15	5	15
2021	0	0	0	7	0	7	13	1	0	0	14	7	19
2022	0	0	0	7	0	7	13	1	0	0	14	7	23
2023	0	0	0	7	0	7	14	1	0	0	15	7	27
2024	0	0	0	7	0	7	12	1	0	0	13	6	29
2025	0	0	0	8	0	8	14	0	0	0	15	7	32
2026	0	0	3	8	0	11	12	0	0	0	13	2	33
2027	0	0	0	8	0	8	14	0	0	0	14	7	36
2028	0	0	0	8	0	8	13	0	0	0	14	6	38
2029	0	0	0	8	0	8	12	0	0	0	13	5	40
2030	0	0	0	8	0	8	12	0	0	0	13	5	41
2031	0	0	0	8	0	8	13	0	0	0	13	5	43
2032	0	0	3	9	0	12	10	0	0	1	11	(1)	42
2033	0	0	0	9	0	9	12	0	0	1	13	4	43
2034	0	0	0	10	0	10	10	0	0	1	11	2	44
2035	0	0	0	10	0	10	10	0	0	1	11	1	44
2036	0	0	0	10	0	10	11	0	0	1	12	1	44
2037	0	0	0	11	0	11	11	0	0	1	12	1	45
2038	0	0	3	11	0	14	11	0	0	1	12	(2)	44
2039	0	0	0	11	0	11	10	0	0	1	12	0	44
2040	0	0	0	12	0	12	10	0	0	1	12	0	44
2041	0	0	0	12	0	12	11	0	0	1	12	0	44
2042	0	0	0	12	0	12	12	0	0	1	13	1	44
2043	0	0	0	13	0	13	12	0	0	1	13	0	44
2044	0	0	3	13	0	17	12	0	0	1	14	(3)	44
2045	0	0	0	14	0	14	12	0	0	1	14	(0)	44
2046	0	0	0	14	0	14	11	0	0	2	13	(1)	44
2047	0	0	0	15	0	15	12	0	0	2	14	(1)	44
2048	0	0	0	16	0	16	13	0	0	2	15	(0)	44
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	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	2	17	325	0	344	395	15	0	21	431	87	
NPV	0	1	8	97	0	106	140	6	0	4	149	44	

Discount Rate 7.54 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **1.41**

SCHEDULE CT-6

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	21.91	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	28.81558	kW
(3) kW LINE LOSS PERCENTAGE	7.22	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	97,938.68	kWh
(5) kWh LINE LOSS PERCENTAGE	5.76	%
(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	30	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.58642	
(5) K FACTOR FOR T & D	1.55920	

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	7.54	%
*	(11) UTILITY AFUDC RATE	6.50	%
*	(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	2014	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2017-2019	
(4) BASE YEAR AVOIDED GENERATING COST	776.33	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90	$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85	$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	58.35	$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50	%**
(10) TRANSMISSION FIXED O & M COST	3.53	$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34	$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50	%**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.065	CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50	%**
(15) GENERATOR CAPACITY FACTOR	56%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.85	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.65	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2014	0	5	0	5	3	1	41	0	0	41
2015	0	0	0	0	5	3	0	0	0	0
2016	0	0	0	0	5	3	0	0	0	0
2017	0	0	0	0	5	3	0	0	0	0
2018	0	0	0	0	5	3	0	0	0	0
2019	0	0	0	0	6	3	0	0	0	0
2020	0	5	0	5	6	3	47	0	0	47
2021	0	0	0	0	6	4	0	0	0	0
2022	0	0	0	0	6	4	0	0	0	0
2023	0	0	0	0	7	3	0	0	0	0
2024	0	0	0	0	7	3	0	0	0	0
2025	0	0	0	0	7	3	0	0	0	0
2026	0	5	0	5	7	3	55	0	0	55
2027	0	0	0	0	7	3	0	0	0	0
2028	0	0	0	0	8	3	0	0	0	0
2029	0	0	0	0	8	3	0	0	0	0
2030	0	0	0	0	8	3	0	0	0	0
2031	0	0	0	0	8	3	0	0	0	0
2032	0	5	0	5	9	3	63	0	0	63
2033	0	0	0	0	9	3	0	0	0	0
2034	0	0	0	0	10	4	0	0	0	0
2035	0	0	0	0	10	4	0	0	0	0
2036	0	0	0	0	11	4	0	0	0	0
2037	0	0	0	0	11	4	0	0	0	0
2038	0	5	0	5	12	4	73	0	0	73
2039	0	0	0	0	12	4	0	0	0	0
2040	0	0	0	0	13	4	0	0	0	0
2041	0	0	0	0	13	4	0	0	0	0
2042	0	0	0	0	14	4	0	0	0	0
2043	0	0	0	0	15	4	0	0	0	0
2044	0	5	0	5	15	4	85	0	0	85
2045	0	0	0	0	16	4	0	0	0	0
2046	0	0	0	0	17	4	0	0	0	0
2047	0	0	0	0	18	4	0	0	0	0
2048	0	0	0	0	19	4	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	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	27	0	29	337	121	364	0	0	364
NPV	1	12	0	13	94	42	133	0	0	133

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	27	1	0	2	1	0	0	1	0	5	5	5	27
2020	26	1	0	2	1	0	0	1	0	5	4	9	27
2021	25	1	0	2	1	0	0	1	0	4	4	13	28
2022	24	0	0	1	1	0	0	1	0	4	3	16	29
2023	22	0	0	1	1	0	0	1	0	4	3	19	29
2024	21	0	0	1	1	0	0	1	0	4	3	22	30
2025	20	0	0	1	1	0	0	1	0	4	2	24	31
2026	19	0	0	1	1	0	0	1	0	4	2	27	32
2027	18	0	0	1	1	0	0	1	0	3	2	29	32
2028	17	0	0	1	1	0	0	1	0	3	2	30	33
2029	16	0	0	1	1	0	0	1	0	3	2	32	34
2030	15	0	0	1	0	0	0	1	0	3	1	33	35
2031	14	0	0	1	0	0	0	1	0	3	1	34	36
2032	13	0	0	1	0	0	0	1	0	3	1	36	37
2033	12	0	0	1	0	0	0	1	0	3	1	36	38
2034	11	0	0	1	0	0	0	1	0	3	1	37	39
2035	10	0	0	1	0	0	0	1	0	2	1	38	40
2036	9	0	0	1	0	0	0	1	0	2	1	39	41
2037	8	0	0	0	0	0	0	1	0	2	1	39	42
2038	7	0	0	0	0	0	0	1	0	2	0	40	43
2039	6	0	0	0	0	0	0	1	(0)	2	0	40	44
2040	5	0	0	0	1	0	0	1	(0)	2	0	41	45
2041	5	0	0	0	1	0	0	1	(0)	2	0	41	46
2042	4	0	0	0	1	0	0	1	(0)	2	0	41	47
2043	3	0	0	0	0	0	0	1	(0)	1	0	41	48
2044	3	0	0	0	0	0	0	1	(0)	1	0	42	49
2045	2	0	0	0	0	0	0	1	(0)	1	0	42	51
2046	2	0	0	0	0	0	0	1	(0)	1	0	42	52
2047	1	0	0	0	0	0	0	1	(0)	1	0	42	53
2048	1	0	0	0	0	(0)	0	1	(0)	1	0	42	55

IN SERVICE COST	($000)	27
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.5%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	5.14	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58642

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE $(000)	SALVAGE TAX RATE $(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) $(000)	ACCUMULATED DEFERRED TAX $(000)
2019	3.75%	1	1	1	1	1	1	0	1	0	0	0	0	(0)
2020	7.22%	2	3	1	2	1	2	0	1	0	0	0	0	0
2021	6.68%	2	5	1	3	1	3	0	1	0	0	0	0	0
2022	6.18%	2	6	1	4	1	3	0	1	0	0	0	0	1
2023	5.71%	1	8	1	4	1	4	0	1	0	0	0	0	1
2024	5.29%	1	9	1	5	1	5	0	1	0	0	0	0	1
2025	4.89%	1	10	1	6	1	6	0	1	0	0	0	0	1
2026	4.52%	1	12	1	7	1	7	0	1	0	0	0	0	2
2027	4.46%	1	13	1	8	1	8	0	1	0	0	0	0	2
2028	4.46%	1	14	1	9	1	8	0	1	0	0	0	0	2
2029	4.46%	1	15	1	10	1	9	0	1	0	0	0	0	2
2030	4.46%	1	16	1	11	1	10	0	1	0	0	0	0	2
2031	4.46%	1	17	1	12	1	11	0	1	0	0	0	0	2
2032	4.46%	1	19	1	12	1	12	0	1	0	0	0	0	2
2033	4.46%	1	20	1	13	1	13	0	1	0	0	0	0	2
2034	4.46%	1	21	1	14	1	13	0	1	0	0	0	0	3
2035	4.46%	1	22	1	15	1	14	0	1	0	0	0	0	3
2036	4.46%	1	23	1	16	1	15	0	1	0	0	0	0	3
2037	4.46%	1	24	1	17	1	16	0	1	0	0	0	0	3
2038	4.46%	1	26	1	18	1	17	0	1	0	0	0	0	3
2039	2.23%	1	26	1	19	1	18	(0)	1	0	0	0	(0)	3
2040	0.00%	0	26	1	20	1	19	(0)	1	0	0	0	(0)	3
2041	0.00%	0	26	1	20	1	19	(0)	1	0	0	0	(0)	2
2042	0.00%	0	26	1	21	1	20	(0)	1	0	0	0	(0)	2
2043	0.00%	0	26	1	22	1	21	(0)	1	0	0	0	(0)	2
2044	0.00%	0	26	1	23	1	22	(0)	1	0	0	0	(0)	1
2045	0.00%	0	26	1	24	1	23	(0)	1	0	0	0	(0)	1
2046	0.00%	0	26	1	25	1	24	(0)	1	0	0	0	(0)	1
2047	0.00%	0	26	1	26	1	24	(0)	1	0	0	0	(0)	0
2048	0.00%	0	26	1	27	1	25	(0)	1	0	0	0	(0)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(0)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	1
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	1	0	26	1	(0)	27	26	27
2020	7.22%	2	0	25	2	0	26	25	25
2021	6.68%	2	0	24	3	0	25	24	24
2022	6.18%	2	0	23	4	1	24	22	23
2023	5.71%	1	0	22	4	1	22	21	22
2024	5.29%	1	0	21	5	1	21	20	21
2025	4.89%	1	0	20	6	1	20	19	20
2026	4.52%	1	0	20	7	2	19	18	19
2027	4.46%	1	0	19	8	2	18	17	18
2028	4.46%	1	0	18	9	2	17	16	17
2029	4.46%	1	0	17	10	2	16	15	16
2030	4.46%	1	0	16	11	2	15	14	14
2031	4.46%	1	0	15	12	2	14	13	13
2032	4.46%	1	0	14	12	2	13	12	12
2033	4.46%	1	0	13	13	2	12	11	11
2034	4.46%	1	0	12	14	3	11	10	10
2035	4.46%	1	0	12	15	3	10	9	9
2036	4.46%	1	0	11	16	3	9	8	8
2037	4.46%	1	0	10	17	3	8	7	7
2038	4.46%	1	0	9	18	3	7	6	6
2039	2.23%	1	(0)	8	19	3	6	5	5
2040	0.00%	0	(0)	7	20	3	5	5	5
2041	0.00%	0	(0)	6	20	2	5	4	4
2042	0.00%	0	(0)	5	21	2	4	3	4
2043	0.00%	0	(0)	4	22	2	3	3	3
2044	0.00%	0	(0)	4	23	1	3	2	3
2045	0.00%	0	(0)	3	24	1	2	2	2
2046	0.00%	0	(0)	2	25	1	2	1	1
2047	0.00%	0	(0)	1	26	0	1	1	1
2048	0.00%	0	(0)	(0)	27	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)
2014	-5	0.00%	1.000	0.11%	0.83	0.41
2015	-4	3.00%	1.030	0.28%	2.26	1.96
2016	-3	3.00%	1.061	8.69%	71.58	38.88
2017	-2	3.00%	1.093	53.83%	456.61	302.97
2018	-1	3.00%	1.126	37.09%	324.11	693.33
				100.00%	855.39	

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)
2014	-5	0.41	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.86	0.86
2015	-4	1.99	0.04	0.05	0.13	0.16	0.10	0.12	(0.02)	(0.03)	2.39	3.24
2016	-3	39.03	0.76	0.81	2.54	2.70	2.01	2.13	(0.48)	(0.51)	74.12	77.36
2017	-2	305.67	5.95	6.76	19.90	22.60	15.69	17.82	(3.76)	(4.27)	476.51	553.87
2018	-1	715.93	13.99	20.74	46.81	69.41	36.57	54.39	(8.71)	(12.98)	370.93	924.80
				20.74		69.41		54.39		(12.98)		924.80

IN SERVICE YEAR	2019
PLANT COSTS	776.3262845
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	25	25	25
EQUITY AFUDC	1		
DEBT AFUDC	1	1	
CPI			2
TOTAL	27	25	26

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2014	1	1	3.60	7.07	3.62	0.00	1.00	1.00
2015	1	1	4.45	7.79	4.47	0.00	1.00	1.00
2016	1	1	4.92	12.20	4.95	0.00	1.00	1.00
2017	1	1	4.27	10.26	4.29	0.00	1.00	1.00
2018	1	1	5.27	13.44	5.29	0.00	1.00	1.00
2019	1	1	5.38	18.72	5.40	5.05	1.00	1.00
2020	1	1	5.65	17.33	5.67	5.04	1.00	1.00
2021	1	1	5.65	16.23	5.67	5.11	1.00	1.00
2022	1	1	5.60	15.12	5.62	5.07	1.00	1.00
2023	1	1	5.60	15.23	5.62	5.17	1.00	1.00
2024	1	1	5.81	13.57	5.83	5.46	1.00	1.00
2025	1	1	5.98	16.84	6.00	5.61	1.00	1.00
2026	1	1	5.73	15.79	5.75	5.73	1.00	1.00
2027	1	1	6.01	14.91	6.03	6.01	1.00	1.00
2028	1	1	6.07	16.89	6.09	6.10	1.00	1.00
2029	1	1	6.28	13.24	6.30	6.40	1.00	1.00
2030	1	1	6.34	15.48	6.36	6.40	1.00	1.00
2031	1	1	6.57	16.10	6.59	6.72	1.00	1.00
2032	1	1	6.62	11.92	6.63	6.79	1.00	1.00
2033	1	1	6.97	16.62	6.98	7.12	1.00	1.00
2034	1	1	7.05	12.50	7.06	7.32	1.00	1.00
2035	1	1	7.19	11.07	7.20	7.51	1.00	1.00
2036	1	1	7.47	12.91	7.48	7.70	1.00	1.00
2037	1	1	7.68	13.42	7.69	8.03	1.00	1.00
2038	1	1	7.94	12.78	7.95	8.32	1.00	1.00
2039	1	1	8.12	12.03	8.13	8.48	1.00	1.00
2040	1	1	8.35	12.08	8.35	8.85	1.00	1.00
2041	1	1	8.67	12.87	8.67	9.11	1.00	1.00
2042	1	1	8.99	14.43	8.99	9.45	1.00	1.00
2043	1	1	9.27	13.94	9.28	9.80	1.00	1.00
2044	1	1	9.60	14.97	9.61	10.24	1.00	1.00
2045	1	1	9.94	14.34	9.95	10.56	1.00	1.00
2046	1	1	10.25	13.01	10.26	10.91	1.00	1.00
2047	1	1	10.57	13.46	10.58	11.25	1.00	1.00
2048	1	1	11.00	16.12	11.01	11.71	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
	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.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
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	5	2	0	5	7	5
2020	5	2	0	10	12	4
2021	4	2	0	10	12	4
2022	4	2	0	10	12	4
2023	4	2	0	11	12	5
2024	4	2	0	11	13	4
2025	4	2	0	12	13	4
2026	4	2	0	12	13	5
2027	3	2	0	12	13	4
2028	3	2	0	12	14	5
2029	3	2	0	13	14	4
2030	3	2	0	13	14	5
2031	3	3	0	14	15	4
2032	3	3	0	14	15	5
2033	3	3	0	15	16	4
2034	3	3	0	16	17	4
2035	2	3	0	16	17	4
2036	2	3	0	17	18	5
2037	2	3	0	17	18	4
2038	2	3	0	18	19	4
2039	2	3	0	19	19	5
2040	2	3	0	19	20	4
2041	2	3	0	20	21	4
2042	2	3	0	21	21	5
2043	1	3	0	22	22	5
2044	1	4	0	22	23	4
2045	1	4	0	23	24	5
2046	1	4	0	24	25	5
2047	1	4	0	25	26	5
2048	1	4	0	26	27	5
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	80	84	7	478	514	135
NPV	29	22	2	115	128	40

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2014	0	0	0	0	0	0	4	0
2015	1	0	1	0	0	0	8	0
2016	1	0	1	0	0	0	13	0
2017	1	0	1	0	0	0	11	0
2018	1	0	1	0	0	0	15	0
2019	1	0	1	0	0	0	21	0
2020	1	0	1	0	0	0	19	0
2021	1	0	1	0	0	0	18	0
2022	1	0	1	0	0	0	17	0
2023	1	0	1	0	0	0	17	0
2024	1	0	1	0	0	0	15	0
2025	0	0	1	0	0	0	19	0
2026	0	0	1	0	0	0	17	0
2027	0	0	1	0	0	0	16	0
2028	0	0	1	0	0	0	19	0
2029	0	0	1	0	0	0	14	0
2030	0	0	1	0	0	0	17	0
2031	0	0	1	0	0	0	18	0
2032	0	0	1	0	0	0	13	0
2033	0	0	1	0	0	0	18	0
2034	0	0	1	0	0	0	13	0
2035	0	0	0	0	0	0	12	0
2036	0	0	0	0	0	0	14	0
2037	0	0	0	0	0	0	14	0
2038	0	0	0	0	0	0	13	0
2039	0	0	0	0	0	0	13	0
2040	0	0	0	0	0	0	13	0
2041	0	0	0	0	0	0	13	0
2042	0	0	0	0	0	0	15	0
2043	0	0	0	0	0	0	15	0
2044	0	0	0	0	0	0	16	0
2045	0	0	0	0	0	0	15	0
2046	0	0	0	0	0	0	13	0
2047	0	0	0	0	0	0	14	0
2048	0	0	0	0	0	0	17	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	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.	14	5	19	2	3	4	519	0
NPV	6	2	8	1	1	2	189	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

	(2)	(3)	(4)	(5)	(6)
YEAR	AVOIDED GEN UNIT EMISSION BENEFIT $(000)	REPLACEMENT EMISSION COST $(000)	PROGRAM EMISSION BENEFIT $(000)	OFF-PEAK EMISSION PAYBACK COST $(000)	NET EMISSION BENEFIT $(000)
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	1	1	1	0	0
2023	1	2	1	0	0
2024	2	2	1	0	0
2025	2	2	1	0	0
2026	2	2	1	0	0
2027	2	2	1	0	1
2028	2	3	1	0	1
2029	2	3	1	0	1
2030	3	3	1	0	1
2031	3	4	2	0	1
2032	3	4	2	0	1
2033	3	4	2	0	1
2034	4	5	2	0	1
2035	4	5	2	0	1
2036	4	6	2	0	1
2037	5	6	3	0	1
2038	5	7	3	0	1
2039	6	7	3	0	1
2040	6	8	3	0	2
2041	6	8	4	0	2
2042	7	9	4	0	2
2043	7	10	4	0	2
2044	8	11	5	0	2
2045	9	11	5	0	2
2046	9	12	5	0	2
2047	10	13	6	0	2
2048	10	14	6	0	3
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	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	126	165	72	0	32
NPV	22	29	13	0	6

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	41	0	41	0	0	4	0	4	(37)	(37)
2015	0	0	0	0	0	0	1	8	0	9	9	(28)
2016	0	0	0	0	0	0	1	13	0	14	14	(16)
2017	0	0	0	0	0	0	1	11	0	12	12	(6)
2018	0	0	0	0	0	0	1	15	0	16	16	6
2019	0	0	0	0	0	5	1	21	0	27	27	25
2020	0	0	47	0	47	4	1	19	0	24	(23)	10
2021	0	0	0	0	0	4	1	18	0	23	23	24
2022	0	0	0	0	0	4	1	17	0	22	22	36
2023	0	0	0	0	0	5	1	17	0	23	23	48
2024	0	0	0	0	0	4	1	15	0	20	20	58
2025	0	0	0	0	0	4	1	19	0	24	24	69
2026	0	0	55	0	55	5	1	17	0	23	(32)	55
2027	0	0	0	0	0	4	1	16	1	22	22	64
2028	0	0	0	0	0	5	1	19	1	25	25	73
2029	0	0	0	0	0	4	1	14	1	20	20	80
2030	0	0	0	0	0	5	1	17	1	23	23	87
2031	0	0	0	0	0	4	1	18	1	23	23	94
2032	0	0	63	0	64	5	1	13	1	19	(45)	82
2033	0	0	0	0	0	4	1	18	1	24	24	88
2034	0	0	0	0	0	4	1	13	1	19	19	92
2035	0	0	0	0	0	4	1	12	1	18	18	96
2036	0	0	0	0	0	5	1	14	1	20	20	100
2037	0	0	0	0	0	4	1	14	1	21	21	104
2038	0	0	73	0	74	4	1	13	1	20	(54)	94
2039	0	0	0	0	0	5	1	13	1	19	19	98
2040	0	0	0	0	0	4	1	13	2	19	19	101
2041	0	0	0	0	0	4	1	13	2	20	20	103
2042	0	0	0	0	0	5	1	15	2	22	22	106
2043	0	0	0	0	0	5	1	15	2	22	22	109
2044	0	0	85	0	85	4	1	16	2	23	(63)	102
2045	0	0	0	0	0	5	1	15	2	22	22	104
2046	0	0	0	0	0	5	1	13	2	21	21	106
2047	0	0	0	0	0	5	1	14	2	21	21	108
2048	0	0	0	0	0	5	1	17	3	25	25	110
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	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	2	364	0	366	135	24	519	32	710	345	
NPV	0	1	133	0	134	40	10	189	6	244	110	

Discount Rate: 7.54 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **1.82**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	4	0	5	0	9	41	0	0	41	(32)	(32)
2015	9	0	0	0	9	0	0	0	0	9	(24)
2016	9	0	0	0	9	0	0	0	0	9	(16)
2017	9	0	0	0	9	0	0	0	0	9	(9)
2018	10	0	0	0	10	0	0	0	0	10	(2)
2019	10	0	0	0	10	0	0	0	0	10	6
2020	11	0	5	0	15	47	0	0	47	(32)	(15)
2021	11	0	0	0	11	0	0	0	0	11	(8)
2022	11	0	0	0	11	0	0	0	0	11	(2)
2023	11	0	0	0	11	0	0	0	0	11	4
2024	12	0	0	0	12	0	0	0	0	12	10
2025	12	0	0	0	12	0	0	0	0	12	15
2026	12	0	5	0	16	55	0	0	55	(38)	(1)
2027	12	0	0	0	12	0	0	0	0	12	4
2028	12	0	0	0	12	0	0	0	0	12	8
2029	13	0	0	0	13	0	0	0	0	13	13
2030	13	0	0	0	13	0	0	0	0	13	17
2031	13	0	0	0	13	0	0	0	0	13	21
2032	14	0	5	0	18	63	0	0	63	(45)	8
2033	15	0	0	0	15	0	0	0	0	15	12
2034	15	0	0	0	15	0	0	0	0	15	16
2035	16	0	0	0	16	0	0	0	0	16	19
2036	17	0	0	0	17	0	0	0	0	17	23
2037	17	0	0	0	17	0	0	0	0	17	26
2038	18	0	5	0	22	73	0	0	73	(51)	17
2039	19	0	0	0	19	0	0	0	0	19	20
2040	19	0	0	0	19	0	0	0	0	19	23
2041	20	0	0	0	20	0	0	0	0	20	26
2042	20	0	0	0	20	0	0	0	0	20	28
2043	22	0	0	0	22	0	0	0	0	22	31
2044	22	0	5	0	27	85	0	0	85	(58)	24
2045	23	0	0	0	23	0	0	0	0	23	27
2046	24	0	0	0	24	0	0	0	0	24	29
2047	25	0	0	0	25	0	0	0	0	25	31
2048	26	0	0	0	26	0	0	0	0	26	34
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	528	0	27	0	555	364	0	0	364	191	
NPV	155	0	12	0	167	133	0	0	133	34	

In Service of Gen Unit: 2019
Discount Rate : 7.54 %
Benefit/Cost Ratio (Col(6) / Col(10)) **1.25**

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	5	4	0	9	4	0	0	0	4	(5)	(5)
2015	0	0	0	8	0	8	8	1	0	0	9	2	(3)
2016	0	0	0	8	0	8	13	1	0	0	14	7	3
2017	0	0	0	8	0	8	11	1	0	0	12	4	6
2018	0	0	0	9	0	9	15	1	0	0	16	7	11
2019	0	0	0	9	0	9	26	1	0	0	27	18	24
2020	0	0	5	9	0	14	24	1	0	0	24	10	30
2021	0	0	0	10	0	10	22	1	0	0	23	13	38
2022	0	0	0	10	0	10	21	1	0	0	22	12	45
2023	0	0	0	10	0	10	21	1	0	0	23	12	52
2024	0	0	0	10	0	10	19	1	0	0	20	10	56
2025	0	0	0	10	0	10	23	1	0	0	24	14	63
2026	0	0	5	10	0	15	22	1	0	0	23	8	66
2027	0	0	0	11	0	11	21	1	0	1	22	11	70
2028	0	0	0	11	0	11	23	1	0	1	25	14	75
2029	0	0	0	11	0	11	19	1	0	1	20	9	78
2030	0	0	0	11	0	11	22	1	0	1	23	12	82
2031	0	0	0	12	0	12	22	1	0	1	23	12	85
2032	0	0	5	12	0	17	17	1	0	1	19	2	86
2033	0	0	0	13	0	13	23	1	0	1	24	11	89
2034	0	0	0	13	0	13	18	1	0	1	19	6	90
2035	0	0	0	14	0	14	16	1	0	1	18	4	91
2036	0	0	0	15	0	15	18	1	0	1	20	5	92
2037	0	0	0	15	0	15	19	1	0	1	21	6	93
2038	0	0	5	15	0	20	18	1	0	1	20	(1)	93
2039	0	0	0	16	0	16	17	1	0	1	19	3	94
2040	0	0	0	16	0	16	17	1	0	2	19	3	94
2041	0	0	0	17	0	17	18	1	0	2	20	3	94
2042	0	0	0	18	0	18	20	1	0	2	22	5	95
2043	0	0	0	19	0	19	19	1	0	2	22	3	95
2044	0	0	5	19	0	24	20	1	0	2	23	(1)	95
2045	0	0	0	20	0	20	19	1	0	2	22	2	96
2046	0	0	0	21	0	21	18	1	0	2	21	(0)	96
2047	0	0	0	22	0	22	18	1	0	2	21	(0)	96
2048	0	0	0	23	0	23	21	1	0	3	25	2	96
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	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	2	27	458	0	487	654	24	0	32	710	223	
NPV	0	1	12	136	0	148	229	10	0	6	244	96	

Discount Rate 7.54 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **1.64**

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	21.91	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	28.81558	kW
(3) kW LINE LOSS PERCENTAGE	7.22	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	97,938.68	kWh
(5) kWh LINE LOSS PERCENTAGE	5.76	%
(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	30	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.58642	
(5) K FACTOR FOR T & D	1.55920	

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	7.54	%
*	(11) UTILITY AFUDC RATE	6.50	%
*	(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	2014	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2017-2019	
(4) BASE YEAR AVOIDED GENERATING COST	776.33	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90	$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85	$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	58.35	$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50	%**
(10) TRANSMISSION FIXED O & M COST	3.53	$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34	$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50	%**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.065	CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50	%**
(15) GENERATOR CAPACITY FACTOR	56%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.85	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.65	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2014	0	5	0	5	3	1	41	0	0	41
2015	0	0	0	0	5	3	0	0	0	0
2016	0	0	0	0	5	3	0	0	0	0
2017	0	0	0	0	5	3	0	0	0	0
2018	0	0	0	0	5	3	0	0	0	0
2019	0	0	0	0	6	3	0	0	0	0
2020	0	5	0	5	6	3	47	0	0	47
2021	0	0	0	0	6	4	0	0	0	0
2022	0	0	0	0	6	4	0	0	0	0
2023	0	0	0	0	7	3	0	0	0	0
2024	0	0	0	0	7	3	0	0	0	0
2025	0	0	0	0	7	3	0	0	0	0
2026	0	5	0	5	7	3	55	0	0	55
2027	0	0	0	0	7	3	0	0	0	0
2028	0	0	0	0	8	3	0	0	0	0
2029	0	0	0	0	8	3	0	0	0	0
2030	0	0	0	0	8	3	0	0	0	0
2031	0	0	0	0	8	3	0	0	0	0
2032	0	5	0	5	9	3	63	0	0	63
2033	0	0	0	0	9	3	0	0	0	0
2034	0	0	0	0	10	4	0	0	0	0
2035	0	0	0	0	10	4	0	0	0	0
2036	0	0	0	0	11	4	0	0	0	0
2037	0	0	0	0	11	4	0	0	0	0
2038	0	5	0	5	12	4	73	0	0	73
2039	0	0	0	0	12	4	0	0	0	0
2040	0	0	0	0	13	4	0	0	0	0
2041	0	0	0	0	13	4	0	0	0	0
2042	0	0	0	0	14	4	0	0	0	0
2043	0	0	0	0	15	4	0	0	0	0
2044	0	5	0	5	15	4	85	0	0	85
2045	0	0	0	0	16	4	0	0	0	0
2046	0	0	0	0	17	4	0	0	0	0
2047	0	0	0	0	18	4	0	0	0	0
2048	0	0	0	0	19	4	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	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	27	0	29	337	121	364	0	0	364
NPV	1	12	0	13	94	42	133	0	0	133

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	27	1	0	2	1	0	0	1	0	5	5	5	27
2020	26	1	0	2	1	0	0	1	0	5	4	9	27
2021	25	1	0	2	1	0	0	1	0	4	4	13	28
2022	24	0	0	1	1	0	0	1	0	4	3	16	29
2023	22	0	0	1	1	0	0	1	0	4	3	19	29
2024	21	0	0	1	1	0	0	1	0	4	3	22	30
2025	20	0	0	1	1	0	0	1	0	4	2	24	31
2026	19	0	0	1	1	0	0	1	0	4	2	27	32
2027	18	0	0	1	1	0	0	1	0	3	2	29	32
2028	17	0	0	1	1	0	0	1	0	3	2	30	33
2029	16	0	0	1	1	0	0	1	0	3	2	32	34
2030	15	0	0	1	0	0	0	1	0	3	1	33	35
2031	14	0	0	1	0	0	0	1	0	3	1	34	36
2032	13	0	0	1	0	0	0	1	0	3	1	36	37
2033	12	0	0	1	0	0	0	1	0	3	1	36	38
2034	11	0	0	1	0	0	0	1	0	3	1	37	39
2035	10	0	0	1	0	0	0	1	0	2	1	38	40
2036	9	0	0	1	0	0	0	1	0	2	1	39	41
2037	8	0	0	0	0	0	0	1	0	2	1	39	42
2038	7	0	0	0	0	0	0	1	0	2	0	40	43
2039	6	0	0	0	0	0	0	1	(0)	2	0	40	44
2040	5	0	0	0	1	0	0	1	(0)	2	0	41	45
2041	5	0	0	0	1	0	0	1	(0)	2	0	41	46
2042	4	0	0	0	1	0	0	1	(0)	2	0	41	47
2043	3	0	0	0	0	0	0	1	(0)	1	0	41	48
2044	3	0	0	0	0	0	0	1	(0)	1	0	42	49
2045	2	0	0	0	0	0	0	1	(0)	1	0	42	51
2046	2	0	0	0	0	0	0	1	(0)	1	0	42	52
2047	1	0	0	0	0	0	0	1	(0)	1	0	42	53
2048	1	0	0	0	0	(0)	0	1	(0)	1	0	42	55

IN SERVICE COST	($000)	27
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.5%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	5.14	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58642

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE $(000)	SALVAGE TAX RATE $(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) $(000)	ACCUMULATED DEFERRED TAX $(000)
2019	3.75%	1	1	1	1	1	1	0	1	0	0	0	0	(0)
2020	7.22%	2	3	1	2	1	2	0	1	0	0	0	0	0
2021	6.68%	2	5	1	3	1	3	0	1	0	0	0	0	0
2022	6.18%	2	6	1	4	1	3	0	1	0	0	0	0	1
2023	5.71%	1	8	1	4	1	4	0	1	0	0	0	0	1
2024	5.29%	1	9	1	5	1	5	0	1	0	0	0	0	1
2025	4.89%	1	10	1	6	1	6	0	1	0	0	0	0	1
2026	4.52%	1	12	1	7	1	7	0	1	0	0	0	0	2
2027	4.46%	1	13	1	8	1	8	0	1	0	0	0	0	2
2028	4.46%	1	14	1	9	1	8	0	1	0	0	0	0	2
2029	4.46%	1	15	1	10	1	9	0	1	0	0	0	0	2
2030	4.46%	1	16	1	11	1	10	0	1	0	0	0	0	2
2031	4.46%	1	17	1	12	1	11	0	1	0	0	0	0	2
2032	4.46%	1	19	1	12	1	12	0	1	0	0	0	0	2
2033	4.46%	1	20	1	13	1	13	0	1	0	0	0	0	2
2034	4.46%	1	21	1	14	1	13	0	1	0	0	0	0	3
2035	4.46%	1	22	1	15	1	14	0	1	0	0	0	0	3
2036	4.46%	1	23	1	16	1	15	0	1	0	0	0	0	3
2037	4.46%	1	24	1	17	1	16	0	1	0	0	0	0	3
2038	4.46%	1	26	1	18	1	17	0	1	0	0	0	0	3
2039	2.23%	1	26	1	19	1	18	(0)	1	0	0	0	(0)	3
2040	0.00%	0	26	1	20	1	19	(0)	1	0	0	0	(0)	3
2041	0.00%	0	26	1	20	1	19	(0)	1	0	0	0	(0)	2
2042	0.00%	0	26	1	21	1	20	(0)	1	0	0	0	(0)	2
2043	0.00%	0	26	1	22	1	21	(0)	1	0	0	0	(0)	2
2044	0.00%	0	26	1	23	1	22	(0)	1	0	0	0	(0)	1
2045	0.00%	0	26	1	24	1	23	(0)	1	0	0	0	(0)	1
2046	0.00%	0	26	1	25	1	24	(0)	1	0	0	0	(0)	1
2047	0.00%	0	26	1	26	1	24	(0)	1	0	0	0	(0)	0
2048	0.00%	0	26	1	27	1	25	(0)	1	0	0	0	(0)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(0)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	1
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	1	0	26	1	(0)	27	26	27
2020	7.22%	2	0	25	2	0	26	25	25
2021	6.68%	2	0	24	3	0	25	24	24
2022	6.18%	2	0	23	4	1	24	22	23
2023	5.71%	1	0	22	4	1	22	21	22
2024	5.29%	1	0	21	5	1	21	20	21
2025	4.89%	1	0	20	6	1	20	19	20
2026	4.52%	1	0	20	7	2	19	18	19
2027	4.46%	1	0	19	8	2	18	17	18
2028	4.46%	1	0	18	9	2	17	16	17
2029	4.46%	1	0	17	10	2	16	15	16
2030	4.46%	1	0	16	11	2	15	14	14
2031	4.46%	1	0	15	12	2	14	13	13
2032	4.46%	1	0	14	12	2	13	12	12
2033	4.46%	1	0	13	13	2	12	11	11
2034	4.46%	1	0	12	14	3	11	10	10
2035	4.46%	1	0	12	15	3	10	9	9
2036	4.46%	1	0	11	16	3	9	8	8
2037	4.46%	1	0	10	17	3	8	7	7
2038	4.46%	1	0	9	18	3	7	6	6
2039	2.23%	1	(0)	8	19	3	6	5	5
2040	0.00%	0	(0)	7	20	3	5	5	5
2041	0.00%	0	(0)	6	20	2	5	4	4
2042	0.00%	0	(0)	5	21	2	4	3	4
2043	0.00%	0	(0)	4	22	2	3	3	3
2044	0.00%	0	(0)	4	23	1	3	2	3
2045	0.00%	0	(0)	3	24	1	2	2	2
2046	0.00%	0	(0)	2	25	1	2	1	1
2047	0.00%	0	(0)	1	26	0	1	1	1
2048	0.00%	0	(0)	(0)	27	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)
2014	-5	0.00%	1.000	0.11%	0.83	0.41
2015	-4	3.00%	1.030	0.28%	2.26	1.96
2016	-3	3.00%	1.061	8.69%	71.58	38.88
2017	-2	3.00%	1.093	53.83%	456.61	302.97
2018	-1	3.00%	1.126	37.09%	324.11	693.33
				100.00%	855.39	

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)
2014	-5	0.41	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.86	0.86
2015	-4	1.99	0.04	0.05	0.13	0.16	0.10	0.12	(0.02)	(0.03)	2.39	3.24
2016	-3	39.03	0.76	0.81	2.54	2.70	2.01	2.13	(0.48)	(0.51)	74.12	77.36
2017	-2	305.67	5.95	6.76	19.90	22.60	15.69	17.82	(3.76)	(4.27)	476.51	553.87
2018	-1	715.93	13.99	20.74	46.81	69.41	36.57	54.39	(8.71)	(12.98)	370.93	924.80
				20.74		69.41		54.39		(12.98)		924.80

IN SERVICE YEAR	2019
PLANT COSTS	776.3262845
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	25	25	25
EQUITY AFUDC	1		
DEBT AFUDC	1	1	
CPI			2
TOTAL	27	25	26

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2014	1	1	3.60	7.07	3.62	0.00	1.00	1.00
2015	1	1	4.45	7.79	4.47	0.00	1.00	1.00
2016	1	1	4.92	12.20	4.95	0.00	1.00	1.00
2017	1	1	4.27	10.26	4.29	0.00	1.00	1.00
2018	1	1	5.27	13.44	5.29	0.00	1.00	1.00
2019	1	1	5.38	18.72	5.40	5.05	1.00	1.00
2020	1	1	5.65	17.33	5.67	5.04	1.00	1.00
2021	1	1	5.65	16.23	5.67	5.11	1.00	1.00
2022	1	1	5.60	15.12	5.62	5.07	1.00	1.00
2023	1	1	5.60	15.23	5.62	5.17	1.00	1.00
2024	1	1	5.81	13.57	5.83	5.46	1.00	1.00
2025	1	1	5.98	16.84	6.00	5.61	1.00	1.00
2026	1	1	5.73	15.79	5.75	5.73	1.00	1.00
2027	1	1	6.01	14.91	6.03	6.01	1.00	1.00
2028	1	1	6.07	16.89	6.09	6.10	1.00	1.00
2029	1	1	6.28	13.24	6.30	6.40	1.00	1.00
2030	1	1	6.34	15.48	6.36	6.40	1.00	1.00
2031	1	1	6.57	16.10	6.59	6.72	1.00	1.00
2032	1	1	6.62	11.92	6.63	6.79	1.00	1.00
2033	1	1	6.97	16.62	6.98	7.12	1.00	1.00
2034	1	1	7.05	12.50	7.06	7.32	1.00	1.00
2035	1	1	7.19	11.07	7.20	7.51	1.00	1.00
2036	1	1	7.47	12.91	7.48	7.70	1.00	1.00
2037	1	1	7.68	13.42	7.69	8.03	1.00	1.00
2038	1	1	7.94	12.78	7.95	8.32	1.00	1.00
2039	1	1	8.12	12.03	8.13	8.48	1.00	1.00
2040	1	1	8.35	12.08	8.35	8.85	1.00	1.00
2041	1	1	8.67	12.87	8.67	9.11	1.00	1.00
2042	1	1	8.99	14.43	8.99	9.45	1.00	1.00
2043	1	1	9.27	13.94	9.28	9.80	1.00	1.00
2044	1	1	9.60	14.97	9.61	10.24	1.00	1.00
2045	1	1	9.94	14.34	9.95	10.56	1.00	1.00
2046	1	1	10.25	13.01	10.26	10.91	1.00	1.00
2047	1	1	10.57	13.46	10.58	11.25	1.00	1.00
2048	1	1	11.00	16.12	11.01	11.71	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
	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.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
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	5	2	0	5	7	5
2020	5	2	0	10	12	4
2021	4	2	0	10	12	4
2022	4	2	0	10	12	4
2023	4	2	0	11	12	5
2024	4	2	0	11	13	4
2025	4	2	0	12	13	4
2026	4	2	0	12	13	5
2027	3	2	0	12	13	4
2028	3	2	0	12	14	5
2029	3	2	0	13	14	4
2030	3	2	0	13	14	5
2031	3	3	0	14	15	4
2032	3	3	0	14	15	5
2033	3	3	0	15	16	4
2034	3	3	0	16	17	4
2035	2	3	0	16	17	4
2036	2	3	0	17	18	5
2037	2	3	0	17	18	4
2038	2	3	0	18	19	4
2039	2	3	0	19	19	5
2040	2	3	0	19	20	4
2041	2	3	0	20	21	4
2042	2	3	0	21	21	5
2043	1	3	0	22	22	5
2044	1	4	0	22	23	4
2045	1	4	0	23	24	5
2046	1	4	0	24	25	5
2047	1	4	0	25	26	5
2048	1	4	0	26	27	5
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	80	84	7	478	514	135
NPV	29	22	2	115	128	40

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2014	0	0	0	0	0	0	4	0
2015	1	0	1	0	0	0	8	0
2016	1	0	1	0	0	0	13	0
2017	1	0	1	0	0	0	11	0
2018	1	0	1	0	0	0	15	0
2019	1	0	1	0	0	0	21	0
2020	1	0	1	0	0	0	19	0
2021	1	0	1	0	0	0	18	0
2022	1	0	1	0	0	0	17	0
2023	1	0	1	0	0	0	17	0
2024	1	0	1	0	0	0	15	0
2025	0	0	1	0	0	0	19	0
2026	0	0	1	0	0	0	17	0
2027	0	0	1	0	0	0	16	0
2028	0	0	1	0	0	0	19	0
2029	0	0	1	0	0	0	14	0
2030	0	0	1	0	0	0	17	0
2031	0	0	1	0	0	0	18	0
2032	0	0	1	0	0	0	13	0
2033	0	0	1	0	0	0	18	0
2034	0	0	1	0	0	0	13	0
2035	0	0	0	0	0	0	12	0
2036	0	0	0	0	0	0	14	0
2037	0	0	0	0	0	0	14	0
2038	0	0	0	0	0	0	13	0
2039	0	0	0	0	0	0	13	0
2040	0	0	0	0	0	0	13	0
2041	0	0	0	0	0	0	13	0
2042	0	0	0	0	0	0	15	0
2043	0	0	0	0	0	0	15	0
2044	0	0	0	0	0	0	16	0
2045	0	0	0	0	0	0	15	0
2046	0	0	0	0	0	0	13	0
2047	0	0	0	0	0	0	14	0
2048	0	0	0	0	0	0	17	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	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.	14	5	19	2	3	4	519	0
NPV	6	2	8	1	1	2	189	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT $(000)	(3) REPLACEMENT EMISSION COST $(000)	(4) PROGRAM EMISSION BENEFIT $(000)	(5) OFF-PEAK EMISSION PAYBACK COST $(000)	(6) NET EMISSION BENEFIT $(000)
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	1	1	1	0	0
2023	1	2	1	0	0
2024	2	2	1	0	0
2025	2	2	1	0	0
2026	2	2	1	0	0
2027	2	2	1	0	1
2028	2	3	1	0	1
2029	2	3	1	0	1
2030	3	3	1	0	1
2031	3	4	2	0	1
2032	3	4	2	0	1
2033	3	4	2	0	1
2034	4	5	2	0	1
2035	4	5	2	0	1
2036	4	6	2	0	1
2037	5	6	3	0	1
2038	5	7	3	0	1
2039	6	7	3	0	1
2040	6	8	3	0	2
2041	6	8	4	0	2
2042	7	9	4	0	2
2043	7	10	4	0	2
2044	8	11	5	0	2
2045	9	11	5	0	2
2046	9	12	5	0	2
2047	10	13	6	0	2
2048	10	14	6	0	3
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	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	126	165	72	0	32
NPV	22	29	13	0	6

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	41	0	41	0	0	4	0	4	(37)	(37)
2015	0	0	0	0	0	0	1	8	0	9	9	(28)
2016	0	0	0	0	0	0	1	13	0	14	14	(16)
2017	0	0	0	0	0	0	1	11	0	12	12	(6)
2018	0	0	0	0	0	0	1	15	0	16	16	6
2019	0	0	0	0	0	5	1	21	0	27	27	25
2020	0	0	47	0	47	4	1	19	0	24	(23)	10
2021	0	0	0	0	0	4	1	18	0	23	23	24
2022	0	0	0	0	0	4	1	17	0	22	22	36
2023	0	0	0	0	0	5	1	17	0	23	23	48
2024	0	0	0	0	0	4	1	15	0	20	20	58
2025	0	0	0	0	0	4	1	19	0	24	24	69
2026	0	0	55	0	55	5	1	17	0	23	(32)	55
2027	0	0	0	0	0	4	1	16	1	22	22	64
2028	0	0	0	0	0	5	1	19	1	25	25	73
2029	0	0	0	0	0	4	1	14	1	20	20	80
2030	0	0	0	0	0	5	1	17	1	23	23	87
2031	0	0	0	0	0	4	1	18	1	23	23	94
2032	0	0	63	0	64	5	1	13	1	19	(45)	82
2033	0	0	0	0	0	4	1	18	1	24	24	88
2034	0	0	0	0	0	4	1	13	1	19	19	92
2035	0	0	0	0	0	4	1	12	1	18	18	96
2036	0	0	0	0	0	5	1	14	1	20	20	100
2037	0	0	0	0	0	4	1	14	1	21	21	104
2038	0	0	73	0	74	4	1	13	1	20	(54)	94
2039	0	0	0	0	0	5	1	13	1	19	19	98
2040	0	0	0	0	0	4	1	13	2	19	19	101
2041	0	0	0	0	0	4	1	13	2	20	20	103
2042	0	0	0	0	0	5	1	15	2	22	22	106
2043	0	0	0	0	0	5	1	15	2	22	22	109
2044	0	0	85	0	85	4	1	16	2	23	(63)	102
2045	0	0	0	0	0	5	1	15	2	22	22	104
2046	0	0	0	0	0	5	1	13	2	21	21	106
2047	0	0	0	0	0	5	1	14	2	21	21	108
2048	0	0	0	0	0	5	1	17	3	25	25	110
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	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	2	364	0	366	135	24	519	32	710	345	
NPV	0	1	133	0	134	40	10	189	6	244	110	

Discount Rate: 7.54 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **1.82**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	4	0	5	0	9	41	0	0	41	(32)	(32)
2015	9	0	0	0	9	0	0	0	0	9	(24)
2016	9	0	0	0	9	0	0	0	0	9	(16)
2017	9	0	0	0	9	0	0	0	0	9	(9)
2018	10	0	0	0	10	0	0	0	0	10	(2)
2019	10	0	0	0	10	0	0	0	0	10	6
2020	11	0	5	0	15	47	0	0	47	(32)	(15)
2021	11	0	0	0	11	0	0	0	0	11	(8)
2022	11	0	0	0	11	0	0	0	0	11	(2)
2023	11	0	0	0	11	0	0	0	0	11	4
2024	12	0	0	0	12	0	0	0	0	12	10
2025	12	0	0	0	12	0	0	0	0	12	15
2026	12	0	5	0	16	55	0	0	55	(38)	(1)
2027	12	0	0	0	12	0	0	0	0	12	4
2028	12	0	0	0	12	0	0	0	0	12	8
2029	13	0	0	0	13	0	0	0	0	13	13
2030	13	0	0	0	13	0	0	0	0	13	17
2031	13	0	0	0	13	0	0	0	0	13	21
2032	14	0	5	0	18	63	0	0	63	(45)	8
2033	15	0	0	0	15	0	0	0	0	15	12
2034	15	0	0	0	15	0	0	0	0	15	16
2035	16	0	0	0	16	0	0	0	0	16	19
2036	17	0	0	0	17	0	0	0	0	17	23
2037	17	0	0	0	17	0	0	0	0	17	26
2038	18	0	5	0	22	73	0	0	73	(51)	17
2039	19	0	0	0	19	0	0	0	0	19	20
2040	19	0	0	0	19	0	0	0	0	19	23
2041	20	0	0	0	20	0	0	0	0	20	26
2042	20	0	0	0	20	0	0	0	0	20	28
2043	22	0	0	0	22	0	0	0	0	22	31
2044	22	0	5	0	27	85	0	0	85	(58)	24
2045	23	0	0	0	23	0	0	0	0	23	27
2046	24	0	0	0	24	0	0	0	0	24	29
2047	25	0	0	0	25	0	0	0	0	25	31
2048	26	0	0	0	26	0	0	0	0	26	34
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	528	0	27	0	555	364	0	0	364	191	
NPV	155	0	12	0	167	133	0	0	133	34	

In Service of Gen Unit: 2019
Discount Rate : 7.54 %
Benefit/Cost Ratio (Col(6) / Col(10)) **1.25**

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	5	4	0	9	4	0	0	0	4	(5)	(5)
2015	0	0	0	8	0	8	8	1	0	0	9	2	(3)
2016	0	0	0	8	0	8	13	1	0	0	14	7	3
2017	0	0	0	8	0	8	11	1	0	0	12	4	6
2018	0	0	0	9	0	9	15	1	0	0	16	7	11
2019	0	0	0	9	0	9	26	1	0	0	27	18	24
2020	0	0	5	9	0	14	24	1	0	0	24	10	30
2021	0	0	0	10	0	10	22	1	0	0	23	13	38
2022	0	0	0	10	0	10	21	1	0	0	22	12	45
2023	0	0	0	10	0	10	21	1	0	0	23	12	52
2024	0	0	0	10	0	10	19	1	0	0	20	10	56
2025	0	0	0	10	0	10	23	1	0	0	24	14	63
2026	0	0	5	10	0	15	22	1	0	0	23	8	66
2027	0	0	0	11	0	11	21	1	0	1	22	11	70
2028	0	0	0	11	0	11	23	1	0	1	25	14	75
2029	0	0	0	11	0	11	19	1	0	1	20	9	78
2030	0	0	0	11	0	11	22	1	0	1	23	12	82
2031	0	0	0	12	0	12	22	1	0	1	23	12	85
2032	0	0	5	12	0	17	17	1	0	1	19	2	86
2033	0	0	0	13	0	13	23	1	0	1	24	11	89
2034	0	0	0	13	0	13	18	1	0	1	19	6	90
2035	0	0	0	14	0	14	16	1	0	1	18	4	91
2036	0	0	0	15	0	15	18	1	0	1	20	5	92
2037	0	0	0	15	0	15	19	1	0	1	21	6	93
2038	0	0	5	15	0	20	18	1	0	1	20	(1)	93
2039	0	0	0	16	0	16	17	1	0	1	19	3	94
2040	0	0	0	16	0	16	17	1	0	2	19	3	94
2041	0	0	0	17	0	17	18	1	0	2	20	3	94
2042	0	0	0	18	0	18	20	1	0	2	22	5	95
2043	0	0	0	19	0	19	19	1	0	2	22	3	95
2044	0	0	5	19	0	24	20	1	0	2	23	(1)	95
2045	0	0	0	20	0	20	19	1	0	2	22	2	96
2046	0	0	0	21	0	21	18	1	0	2	21	(0)	96
2047	0	0	0	22	0	22	18	1	0	2	21	(0)	96
2048	0	0	0	23	0	23	21	1	0	3	25	2	96
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	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	2	27	458	0	487	654	24	0	32	710	223	
NPV	0	1	12	136	0	148	229	10	0	6	244	96	

Discount Rate 7.54 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **1.64**

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	146.54	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	192.68464	kW
(3) kW LINE LOSS PERCENTAGE	7.22	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	1,642,742.01	kWh
(5) kWh LINE LOSS PERCENTAGE	5.76	%
(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	36	YEARS
(2) GENERATOR ECONOMIC LIFE	30	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.58273	
(5) K FACTOR FOR T & D	1.56919	

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	7.45	%
*	(11) UTILITY AFUDC RATE	6.50	%
*	(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	2013	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2016-2019	
(4) BASE YEAR AVOIDED GENERATING COST	774.44	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90	$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85	$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	103.11	$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50	%**
(10) TRANSMISSION FIXED O & M COST	3.53	$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34	$/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	53%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	4.12	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	10.15	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2013	1	29	0	29	36	10	235	0	0	235
2014	0	0	0	0	75	19	0	0	0	0
2015	0	0	0	0	77	19	0	0	0	0
2016	0	0	0	0	78	19	0	0	0	0
2017	0	0	0	0	80	19	0	0	0	0
2018	0	0	0	0	90	21	0	0	0	0
2019	0	0	0	0	93	22	0	0	0	0
2020	0	0	0	0	97	23	0	0	0	0
2021	0	0	0	0	100	24	0	0	0	0
2022	0	0	0	0	104	25	0	0	0	0
2023	0	0	0	0	111	23	0	0	0	0
2024	0	0	0	0	113	24	0	0	0	0
2025	0	0	0	0	117	23	0	0	0	0
2026	1	29	0	30	120	23	324	0	0	324
2027	0	0	0	0	124	23	0	0	0	0
2028	0	0	0	0	127	23	0	0	0	0
2029	0	0	0	0	131	23	0	0	0	0
2030	0	0	0	0	136	23	0	0	0	0
2031	0	0	0	0	140	23	0	0	0	0
2032	0	0	0	0	148	24	0	0	0	0
2033	0	0	0	0	161	24	0	0	0	0
2034	0	0	0	0	168	24	0	0	0	0
2035	0	0	0	0	174	24	0	0	0	0
2036	0	0	0	0	188	25	0	0	0	0
2037	0	0	0	0	196	25	0	0	0	0
2038	0	0	0	0	204	25	0	0	0	0
2039	1	29	0	30	213	25	447	0	0	447
2040	0	0	0	0	221	26	0	0	0	0
2041	0	0	0	0	231	26	0	0	0	0
2042	0	0	0	0	242	26	0	0	0	0
2043	0	0	0	0	255	26	0	0	0	0
2044	0	0	0	0	268	26	0	0	0	0
2045	0	0	0	0	282	27	0	0	0	0
2046	0	0	0	0	298	27	0	0	0	0
2047	0	0	0	0	314	27	0	0	0	0
2048	0	0	0	0	331	27	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	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	87	0	89	5,843	842	1,006	0	0	1,006
NPV	1	45	0	46	1,547	286	431	0	0	431

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	185	4	0	12	7	3	0	6	0	32	32	32	183
2020	179	3	0	11	4	3	0	6	3	31	29	61	188
2021	170	3	0	11	4	3	0	6	2	30	26	87	192
2022	162	3	0	10	5	3	0	6	2	29	23	110	197
2023	153	3	0	10	5	3	0	6	2	28	21	131	202
2024	146	3	0	9	4	3	0	6	1	27	19	150	207
2025	138	3	0	9	4	3	0	6	1	26	17	167	212
2026	131	3	0	8	4	2	0	6	1	25	15	182	218
2027	124	2	0	8	4	2	0	6	1	24	13	195	223
2028	117	2	0	7	4	2	0	6	1	23	12	207	229
2029	110	2	0	7	4	2	0	6	1	22	11	218	234
2030	103	2	0	6	3	2	0	6	1	21	9	227	240
2031	96	2	0	6	3	2	0	6	1	20	8	235	246
2032	89	2	0	6	3	2	0	6	1	19	7	243	252
2033	82	2	0	5	3	2	0	6	1	18	7	250	259
2034	75	1	0	5	2	2	0	6	1	17	6	255	265
2035	68	1	0	4	2	1	0	6	1	16	5	261	272
2036	61	1	0	4	2	1	0	6	1	15	4	265	279
2037	54	1	0	3	1	1	0	6	1	14	4	269	286
2038	47	1	0	3	1	1	0	6	1	13	3	272	293
2039	40	1	0	3	2	1	0	6	(1)	12	3	275	300
2040	35	1	0	2	4	1	0	6	(2)	12	3	278	307
2041	31	1	0	2	4	1	0	6	(2)	11	2	280	315
2042	27	1	0	2	3	1	0	6	(2)	10	2	282	323
2043	23	0	0	1	3	1	0	6	(2)	10	2	284	331
2044	19	0	0	1	3	0	0	6	(2)	9	2	285	339
2045	15	0	0	1	3	0	0	6	(2)	9	1	287	348
2046	12	0	0	1	3	0	0	6	(2)	8	1	288	357
2047	8	0	0	0	3	0	0	6	(2)	8	1	289	365
2048	4	0	0	0	3	0	0	6	(2)	7	1	290	375

IN SERVICE COST	($000)	183
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.4%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	4.79	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58273

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE $(000)	SALVAGE TAX RATE $(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) $(000)	ACCUMULATED DEFERRED TAX $(000)
2019	3.75%	7	7	6	6	6	6	0	10	0	0	0	0	(2)
2020	7.22%	13	20	6	12	6	12	3	10	0	0	0	3	1
2021	6.68%	12	32	6	18	6	17	2	10	0	0	0	2	3
2022	6.18%	11	43	6	24	6	23	2	10	0	0	0	2	5
2023	5.71%	10	53	6	31	6	29	2	10	0	0	0	2	7
2024	5.29%	9	62	6	37	6	35	1	10	0	0	0	1	8
2025	4.89%	9	71	6	43	6	40	1	10	0	0	0	1	10
2026	4.52%	8	79	6	49	6	46	1	10	0	0	0	1	10
2027	4.46%	8	87	6	55	6	52	1	10	0	0	0	1	11
2028	4.46%	8	95	6	61	6	58	1	10	0	0	0	1	12
2029	4.46%	8	103	6	67	6	64	1	10	0	0	0	1	13
2030	4.46%	8	111	6	73	6	69	1	10	0	0	0	1	14
2031	4.46%	8	119	6	79	6	75	1	10	0	0	0	1	15
2032	4.46%	8	127	6	85	6	81	1	10	0	0	0	1	16
2033	4.46%	8	135	6	92	6	87	1	10	0	0	0	1	16
2034	4.46%	8	143	6	98	6	92	1	10	0	0	0	1	17
2035	4.46%	8	151	6	104	6	98	1	10	0	0	0	1	18
2036	4.46%	8	159	6	110	6	104	1	10	0	0	0	1	19
2037	4.46%	8	167	6	116	6	110	1	10	0	0	0	1	20
2038	4.46%	8	175	6	122	6	116	1	10	0	0	0	1	21
2039	2.23%	4	179	6	128	6	121	(1)	10	0	0	0	(1)	20
2040	0.00%	0	179	6	134	6	127	(2)	10	0	0	0	(2)	18
2041	0.00%	0	179	6	140	6	133	(2)	10	0	0	0	(2)	16
2042	0.00%	0	179	6	146	6	139	(2)	10	0	0	0	(2)	13
2043	0.00%	0	179	6	153	6	145	(2)	10	0	0	0	(2)	11
2044	0.00%	0	179	6	159	6	150	(2)	10	0	0	0	(2)	9
2045	0.00%	0	179	6	165	6	156	(2)	10	0	0	0	(2)	7
2046	0.00%	0	179	6	171	6	162	(2)	10	0	0	0	(2)	4
2047	0.00%	0	179	6	177	6	168	(2)	10	0	0	0	(2)	2
2048	0.00%	0	179	6	183	6	173	(2)	10	0	0	0	(2)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(2)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	10
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	7	0	177	6	(2)	185	179	182
2020	7.22%	13	3	171	12	1	179	170	174
2021	6.68%	12	2	165	18	3	170	162	166
2022	6.18%	11	2	159	24	5	162	153	157
2023	5.71%	10	2	153	31	7	153	146	149
2024	5.29%	9	1	146	37	8	146	138	142
2025	4.89%	9	1	140	43	10	138	131	134
2026	4.52%	8	1	134	49	10	131	124	127
2027	4.46%	8	1	128	55	11	124	117	120
2028	4.46%	8	1	122	61	12	117	110	113
2029	4.46%	8	1	116	67	13	110	103	106
2030	4.46%	8	1	110	73	14	103	96	99
2031	4.46%	8	1	104	79	15	96	89	92
2032	4.46%	8	1	98	85	16	89	82	86
2033	4.46%	8	1	92	92	16	82	75	79
2034	4.46%	8	1	85	98	17	75	68	72
2035	4.46%	8	1	79	104	18	68	61	65
2036	4.46%	8	1	73	110	19	61	54	58
2037	4.46%	8	1	67	116	20	54	47	51
2038	4.46%	8	1	61	122	21	47	40	44
2039	2.23%	4	(1)	55	128	20	40	35	38
2040	0.00%	0	(2)	49	134	18	35	31	33
2041	0.00%	0	(2)	43	140	16	31	27	29
2042	0.00%	0	(2)	37	146	13	27	23	25
2043	0.00%	0	(2)	31	153	11	23	19	21
2044	0.00%	0	(2)	24	159	9	19	15	17
2045	0.00%	0	(2)	18	165	7	15	12	14
2046	0.00%	0	(2)	12	171	4	12	8	10
2047	0.00%	0	(2)	6	177	2	8	4	6
2048	0.00%	0	(2)	0	183	0	4	0	2

*** Column not specified in workbook**

(1) YEAR	(2) NO.YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING ($/kW)	(7) CUMULATIVE AVERAGE SPENDING ($/kW)
2013	-6	0.00%	1.000	0.00%	0.00	0.00
2014	-5	3.00%	1.030	0.10%	0.79	0.39
2015	-4	3.00%	1.061	0.25%	2.06	1.82
2016	-3	3.00%	1.093	8.38%	70.94	38.32
2017	-2	3.00%	1.126	54.25%	472.86	310.22
2018	-1	3.00%	1.159	37.02%	332.34	712.82
				100.00%	878.99	

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)
2013	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	-5	0.39	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.81	0.81
2015	-4	1.84	0.03	0.04	0.12	0.15	0.09	0.11	(0.02)	(0.02)	2.18	2.99
2016	-3	38.46	0.72	0.76	2.50	2.65	1.84	1.95	(0.43)	(0.46)	73.44	76.44
2017	-2	312.87	5.87	6.63	20.37	23.01	14.95	16.90	(3.51)	(3.96)	493.23	569.66
2018	-1	735.83	14.31	20.94	48.09	71.10	34.95	51.85	(7.96)	(11.93)	380.42	950.09
				20.94		71.10		51.85		(11.93)		950.09

IN SERVICE YEAR	2019
PLANT COSTS	774.4358809
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	169	169	169
EQUITY AFUDC	10		
DEBT AFUDC	4	4	
CPI			10
TOTAL	183	173	179

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2013	1	1	3.15	9.71	3.15	0.00	1.00	1.00
2014	1	1	3.52	7.72	3.52	0.00	1.00	1.00
2015	1	1	3.59	7.72	3.59	0.00	1.00	1.00
2016	1	1	4.65	11.27	4.65	0.00	1.00	1.00
2017	1	1	4.10	9.69	4.10	0.00	1.00	1.00
2018	1	1	4.70	19.27	4.70	0.00	1.00	1.00
2019	1	1	4.94	11.56	4.94	5.08	1.00	1.00
2020	1	1	5.44	16.97	5.44	5.40	1.00	1.00
2021	1	1	5.81	21.20	5.81	5.78	1.00	1.00
2022	1	1	5.84	12.95	5.84	5.89	1.00	1.00
2023	1	1	6.14	14.42	6.14	6.24	1.00	1.00
2024	1	1	6.47	18.53	6.47	6.56	1.00	1.00
2025	1	1	6.60	14.73	6.60	6.69	1.00	1.00
2026	1	1	6.84	18.48	6.84	6.86	1.00	1.00
2027	1	1	7.02	19.05	7.02	7.05	1.00	1.00
2028	1	1	7.00	16.05	7.00	7.06	1.00	1.00
2029	1	1	7.10	15.53	7.10	7.18	1.00	1.00
2030	1	1	7.20	15.86	7.20	7.24	1.00	1.00
2031	1	1	7.37	16.17	7.37	7.49	1.00	1.00
2032	1	1	7.58	16.52	7.58	7.65	1.00	1.00
2033	1	1	7.87	17.54	7.87	7.99	1.00	1.00
2034	1	1	8.03	17.54	8.03	8.30	1.00	1.00
2035	1	1	8.24	18.42	8.24	8.52	1.00	1.00
2036	1	1	8.46	17.22	8.46	8.66	1.00	1.00
2037	1	1	8.72	18.62	8.72	9.08	1.00	1.00
2038	1	1	9.03	19.10	9.03	9.48	1.00	1.00
2039	1	1	9.29	19.27	9.29	9.89	1.00	1.00
2040	1	1	9.53	18.86	9.53	10.24	1.00	1.00
2041	1	1	9.82	18.31	9.82	10.60	1.00	1.00
2042	1	1	10.18	18.43	10.18	11.04	1.00	1.00
2043	1	1	10.53	19.31	10.53	11.48	1.00	1.00
2044	1	1	10.87	19.67	10.87	11.90	1.00	1.00
2045	1	1	11.33	22.83	11.33	12.44	1.00	1.00
2046	1	1	11.74	23.03	11.74	12.96	1.00	1.00
2047	1	1	12.13	23.41	12.13	13.40	1.00	1.00
2048	1	1	12.55	23.46	12.55	14.01	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
	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.

page 7

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
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	31	23	1	37	45	46
2020	31	23	1	68	81	42
2021	29	24	1	72	86	40
2022	28	24	1	75	88	40
2023	27	25	1	81	93	41
2024	26	26	1	83	97	40
2025	25	26	1	88	101	40
2026	24	27	1	91	104	39
2027	23	28	1	93	106	39
2028	22	28	1	97	107	42
2029	21	29	1	100	109	43
2030	20	30	1	102	110	44
2031	20	30	1	107	113	45
2032	19	31	1	111	116	46
2033	18	32	1	116	121	46
2034	17	33	1	120	126	46
2035	16	34	1	125	129	47
2036	15	34	2	130	132	48
2037	14	35	2	135	138	48
2038	13	36	2	140	144	47
2039	12	37	2	146	150	46
2040	11	38	2	151	155	47
2041	11	39	2	156	161	47
2042	10	40	2	163	168	47
2043	10	41	2	169	174	47
2044	9	42	2	176	180	48
2045	9	43	2	183	189	47
2046	8	44	2	190	197	47
2047	7	45	2	196	203	47
2048	7	46	2	204	213	47
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	534	991	44	3,703	3,933	1,339
NPV	184	241	10	827	905	358

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2013	0	0	0	0	0	0	91	0
2014	5	1	6	1	0	1	141	0
2015	5	1	5	1	0	1	141	0
2016	4	1	5	1	0	1	207	0
2017	4	1	5	1	0	1	178	0
2018	4	1	5	1	0	1	366	0
2019	4	1	5	1	0	1	212	0
2020	4	1	5	1	0	1	317	0
2021	4	1	4	1	0	1	400	0
2022	4	1	4	0	0	1	237	0
2023	3	1	4	0	0	1	265	0
2024	3	1	4	0	0	1	345	0
2025	3	1	4	0	0	1	269	0
2026	3	1	4	0	0	1	343	0
2027	3	1	4	0	0	1	353	0
2028	3	1	4	0	0	1	294	0
2029	2	1	3	0	0	1	284	0
2030	2	1	3	0	1	1	290	0
2031	2	1	3	0	1	1	295	0
2032	2	1	3	0	1	1	301	0
2033	2	1	3	0	1	1	321	0
2034	2	1	3	0	1	1	320	0
2035	2	1	3	0	1	1	337	0
2036	2	1	3	0	1	1	312	0
2037	2	1	3	0	1	1	339	0
2038	2	1	3	0	1	1	348	0
2039	2	1	3	0	1	1	350	0
2040	2	1	3	0	1	1	341	0
2041	2	1	3	0	1	1	329	0
2042	2	1	3	0	1	1	331	0
2043	2	1	3	0	1	1	347	0
2044	1	1	3	0	1	1	353	0
2045	1	1	3	0	1	1	414	0
2046	1	2	3	0	1	1	416	0
2047	1	2	3	0	1	1	422	0
2048	1	2	3	0	1	1	422	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	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.	92	38	129	11	19	30	11,031	0
NPV	41	11	53	5	6	11	3,488	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT $(000)	(3) REPLACEMENT EMISSION COST $(000)	(4) PROGRAM EMISSION BENEFIT $(000)	(5) OFF-PEAK EMISSION PAYBACK COST $(000)	(6) NET EMISSION BENEFIT $(000)
2013	0	0	1	0	1
2014	0	0	2	0	2
2015	0	0	1	0	1
2016	0	0	1	0	1
2017	0	0	1	0	1
2018	0	0	1	0	1
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	5	6	7	0	6
2024	5	7	8	0	7
2025	6	8	10	0	8
2026	7	10	11	0	9
2027	8	11	13	0	10
2028	9	12	14	0	11
2029	11	14	16	0	13
2030	12	16	18	0	14
2031	14	18	20	0	16
2032	16	20	23	0	18
2033	18	23	26	0	20
2034	20	26	29	0	22
2035	22	29	32	0	25
2036	25	32	35	0	28
2037	27	36	39	0	31
2038	30	40	43	0	34
2039	33	44	48	0	38
2040	37	48	53	0	41
2041	41	53	58	0	45
2042	45	58	64	0	50
2043	49	64	70	0	55
2044	53	70	76	0	60
2045	58	76	84	0	66
2046	64	83	91	0	71
2047	69	91	99	0	78
2048	75	99	107	0	83
	0	0	0	0	0
	0	0	0	0	0
	0	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	759	995	1,101	0	865
NPV	116	152	174	0	138

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2013	0	1	235	0	236	0	0	91	1	91	(144)	(144)
2014	0	0	0	0	0	0	7	141	2	149	149	(6)
2015	0	0	0	0	0	0	6	141	1	148	148	123
2016	0	0	0	0	0	0	6	207	1	215	215	296
2017	0	0	0	0	0	0	6	178	1	185	185	435
2018	0	0	0	0	0	0	6	366	1	372	372	694
2019	0	0	0	0	0	46	6	212	0	264	264	866
2020	0	0	0	0	0	42	6	317	0	365	365	1,087
2021	0	0	0	0	0	40	5	400	0	445	445	1,337
2022	0	0	0	0	0	40	5	237	0	283	283	1,485
2023	0	0	0	0	0	41	5	265	6	316	316	1,639
2024	0	0	0	0	0	40	5	345	7	396	396	1,819
2025	0	0	0	0	0	40	5	269	8	322	322	1,955
2026	0	1	324	0	325	39	5	343	9	395	71	1,983
2027	0	0	0	0	0	39	5	353	10	408	408	2,132
2028	0	0	0	0	0	42	4	294	11	351	351	2,252
2029	0	0	0	0	0	43	4	284	13	344	344	2,360
2030	0	0	0	0	0	44	4	290	14	352	352	2,464
2031	0	0	0	0	0	45	4	295	16	361	361	2,563
2032	0	0	0	0	0	46	4	301	18	370	370	2,658
2033	0	0	0	0	0	46	4	321	20	391	391	2,751
2034	0	0	0	0	0	46	4	320	22	392	392	2,837
2035	0	0	0	0	0	47	4	337	25	413	413	2,922
2036	0	0	0	0	0	48	4	312	28	392	392	2,998
2037	0	0	0	0	0	48	4	339	31	422	422	3,073
2038	0	0	0	0	0	47	4	348	34	433	433	3,145
2039	0	1	447	0	448	46	4	350	38	438	(10)	3,143
2040	0	0	0	0	0	47	4	341	41	433	433	3,205
2041	0	0	0	0	0	47	4	329	45	425	425	3,262
2042	0	0	0	0	0	47	4	331	50	432	432	3,316
2043	0	0	0	0	0	47	4	347	55	452	452	3,368
2044	0	0	0	0	0	48	4	353	60	465	465	3,419
2045	0	0	0	0	0	47	4	414	66	530	530	3,472
2046	0	0	0	0	0	47	4	416	71	538	538	3,522
2047	0	0	0	0	0	47	4	422	78	551	551	3,570
2048	0	0	0	0	0	47	4	422	83	556	556	3,615
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	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	2	1,006	0	1,008	1,339	159	11,031	865	13,394	12,387	
NPV	0	1	431	0	432	358	64	3,488	138	4,047	3,615	

Discount Rate: 7.45 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **9.36**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2013	53	0	29	0	82	235	0	0	235	(153)	(153)
2014	110	0	0	0	110	0	0	0	0	110	(50)
2015	112	0	0	0	112	0	0	0	0	112	47
2016	113	0	0	0	113	0	0	0	0	113	138
2017	115	0	0	0	115	0	0	0	0	115	224
2018	129	0	0	0	129	0	0	0	0	129	314
2019	134	0	0	0	134	0	0	0	0	134	402
2020	140	0	0	0	140	0	0	0	0	140	486
2021	145	0	0	0	145	0	0	0	0	145	568
2022	150	0	0	0	150	0	0	0	0	150	646
2023	157	0	0	0	157	0	0	0	0	157	723
2024	160	0	0	0	160	0	0	0	0	160	796
2025	163	0	0	0	163	0	0	0	0	163	865
2026	168	0	29	0	197	324	0	0	324	(127)	815
2027	172	0	0	0	172	0	0	0	0	172	878
2028	176	0	0	0	176	0	0	0	0	176	938
2029	181	0	0	0	181	0	0	0	0	181	995
2030	187	0	0	0	187	0	0	0	0	187	1,050
2031	192	0	0	0	192	0	0	0	0	192	1,103
2032	202	0	0	0	202	0	0	0	0	202	1,154
2033	218	0	0	0	218	0	0	0	0	218	1,206
2034	226	0	0	0	226	0	0	0	0	226	1,256
2035	234	0	0	0	234	0	0	0	0	234	1,304
2036	251	0	0	0	251	0	0	0	0	251	1,352
2037	261	0	0	0	261	0	0	0	0	261	1,399
2038	271	0	0	0	271	0	0	0	0	271	1,444
2039	282	0	29	0	311	447	0	0	447	(135)	1,423
2040	292	0	0	0	292	0	0	0	0	292	1,465
2041	304	0	0	0	304	0	0	0	0	304	1,506
2042	317	0	0	0	317	0	0	0	0	317	1,545
2043	333	0	0	0	333	0	0	0	0	333	1,584
2044	349	0	0	0	349	0	0	0	0	349	1,621
2045	367	0	0	0	367	0	0	0	0	367	1,658
2046	385	0	0	0	385	0	0	0	0	385	1,694
2047	405	0	0	0	405	0	0	0	0	405	1,730
2048	426	0	0	0	426	0	0	0	0	426	1,764
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	7,882	0	87	0	7,969	1,006	0	0	1,006	6,964	
NPV	2,150	0	45	0	2,195	431	0	0	431	1,764	

In Service of Gen Unit: 2019
Discount Rate : 7.45 %
Benefit/Cost Ratio (Col(6) / Col(10)) **5.09**

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2013	0	1	29	46	0	75	91	0	0	1	91	16	16
2014	0	0	0	95	0	95	141	7	0	2	149	54	67
2015	0	0	0	96	0	96	141	6	0	1	148	52	112
2016	0	0	0	97	0	97	207	6	0	1	215	118	206
2017	0	0	0	99	0	99	178	6	0	1	185	86	271
2018	0	0	0	111	0	111	366	6	0	1	372	261	453
2019	0	0	0	115	0	115	258	6	0	0	264	149	550
2020	0	0	0	120	0	120	359	6	0	0	365	245	698
2021	0	0	0	124	0	124	440	5	0	0	445	321	879
2022	0	0	0	129	0	129	277	5	0	0	283	154	959
2023	0	0	0	135	0	135	306	5	0	6	316	182	1,048
2024	0	0	0	137	0	137	385	5	0	7	396	259	1,166
2025	0	0	0	139	0	139	309	5	0	8	322	182	1,242
2026	0	1	29	143	0	173	382	5	0	9	395	223	1,330
2027	0	0	0	147	0	147	393	5	0	10	408	261	1,425
2028	0	0	0	150	0	150	336	4	0	11	351	202	1,494
2029	0	0	0	154	0	154	327	4	0	13	344	189	1,554
2030	0	0	0	159	0	159	334	4	0	14	352	194	1,611
2031	0	0	0	163	0	163	341	4	0	16	361	198	1,665
2032	0	0	0	172	0	172	348	4	0	18	370	198	1,716
2033	0	0	0	185	0	185	367	4	0	20	391	206	1,765
2034	0	0	0	192	0	192	366	4	0	22	392	200	1,809
2035	0	0	0	199	0	199	384	4	0	25	413	214	1,853
2036	0	0	0	213	0	213	361	4	0	28	392	180	1,888
2037	0	0	0	221	0	221	387	4	0	31	422	201	1,924
2038	0	0	0	230	0	230	395	4	0	34	433	203	1,957
2039	0	1	29	239	0	269	396	4	0	38	438	169	1,983
2040	0	0	0	246	0	246	388	4	0	41	433	187	2,010
2041	0	0	0	257	0	257	376	4	0	45	425	168	2,033
2042	0	0	0	268	0	268	378	4	0	50	432	164	2,053
2043	0	0	0	281	0	281	394	4	0	55	452	171	2,073
2044	0	0	0	294	0	294	401	4	0	60	465	170	2,091
2045	0	0	0	309	0	309	461	4	0	66	530	221	2,114
2046	0	0	0	324	0	324	463	4	0	71	538	214	2,134
2047	0	0	0	341	0	341	469	4	0	78	551	210	2,152
2048	0	0	0	358	0	358	469	4	0	83	556	198	2,168
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	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	2	87	6,686	0	6,775	12,370	159	0	865	13,394	6,619	
NPV	0	1	45	1,833	0	1,879	3,846	64	0	138	4,047	2,168	

Discount Rate 7.45 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **2.15**

SCHEDULE CT-6

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	58.32	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	76.68726	kW
(3) kW LINE LOSS PERCENTAGE	7.22	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	185,644.42	kWh
(5) kWh LINE LOSS PERCENTAGE	5.76	%
(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	30	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.58642	
(5) K FACTOR FOR T & D	1.55920	

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	7.54	%
*	(11) UTILITY AFUDC RATE	6.50	%
*	(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	2014	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2017-2019	
(4) BASE YEAR AVOIDED GENERATING COST	776.33	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90	$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85	$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	58.35	$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50	%**
(10) TRANSMISSION FIXED O & M COST	3.53	$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34	$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50	%**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.065	CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50	%**
(15) GENERATOR CAPACITY FACTOR	56%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.85	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.65	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2014	0	12	0	12	5	4	53	0	0	53
2015	0	0	0	0	9	8	0	0	0	0
2016	0	0	0	0	9	8	0	0	0	0
2017	0	0	0	0	9	8	0	0	0	0
2018	0	0	0	0	10	8	0	0	0	0
2019	0	0	0	0	11	9	0	0	0	0
2020	0	0	0	0	11	9	0	0	0	0
2021	0	0	0	0	11	10	0	0	0	0
2022	0	0	0	0	12	10	0	0	0	0
2023	0	0	0	0	13	9	0	0	0	0
2024	0	12	0	12	13	9	68	0	0	68
2025	0	0	0	0	13	9	0	0	0	0
2026	0	0	0	0	14	9	0	0	0	0
2027	0	0	0	0	14	9	0	0	0	0
2028	0	0	0	0	14	9	0	0	0	0
2029	0	0	0	0	15	9	0	0	0	0
2030	0	0	0	0	15	9	0	0	0	0
2031	0	0	0	0	16	9	0	0	0	0
2032	0	0	0	0	17	9	0	0	0	0
2033	0	0	0	0	18	9	0	0	0	0
2034	0	12	0	12	19	9	87	0	0	87
2035	0	0	0	0	19	9	0	0	0	0
2036	0	0	0	0	21	10	0	0	0	0
2037	0	0	0	0	22	10	0	0	0	0
2038	0	0	0	0	22	10	0	0	0	0
2039	0	0	0	0	23	10	0	0	0	0
2040	0	0	0	0	24	10	0	0	0	0
2041	0	0	0	0	25	10	0	0	0	0
2042	0	0	0	0	26	10	0	0	0	0
2043	0	0	0	0	28	10	0	0	0	0
2044	0	12	0	12	29	10	111	0	0	111
2045	0	0	0	0	31	10	0	0	0	0
2046	0	0	0	0	32	10	0	0	0	0
2047	0	0	0	0	34	10	0	0	0	0
2048	0	0	0	0	35	11	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
NOM	1	48	0	49	640	322	319	0	0	319
NPV	0	22	0	22	177	113	119	0	0	119

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	72	1	0	5	3	1	0	2	0	13	13	13	71
2020	69	1	0	4	2	1	0	2	1	12	11	24	73
2021	66	1	0	4	2	1	0	2	1	12	10	34	75
2022	63	1	0	4	2	1	0	2	1	11	9	43	76
2023	60	1	0	4	2	1	0	2	1	11	8	51	78
2024	56	1	0	4	2	1	0	2	1	10	7	59	80
2025	54	1	0	3	2	1	0	2	0	10	6	65	82
2026	51	1	0	3	2	1	0	2	0	10	6	71	84
2027	48	1	0	3	2	1	0	2	0	9	5	76	86
2028	45	1	0	3	2	1	0	2	0	9	5	81	89
2029	43	1	0	3	1	1	0	2	0	9	4	85	91
2030	40	1	0	2	1	1	0	2	0	8	4	88	93
2031	37	1	0	2	1	1	0	2	0	8	3	92	95
2032	35	1	0	2	1	1	0	2	0	7	3	95	98
2033	32	1	0	2	1	1	0	2	0	7	3	97	100
2034	29	1	0	2	1	1	0	2	0	7	2	99	103
2035	26	1	0	2	1	1	0	2	0	6	2	101	105
2036	24	0	0	1	1	1	0	2	0	6	2	103	108
2037	21	0	0	1	1	0	0	2	0	6	2	105	111
2038	18	0	0	1	0	0	0	2	0	5	1	106	113
2039	16	0	0	1	1	0	0	2	(0)	5	1	107	116
2040	13	0	0	1	1	0	0	2	(1)	5	1	108	119
2041	12	0	0	1	1	0	0	2	(1)	4	1	109	122
2042	10	0	0	1	1	0	0	2	(1)	4	1	110	125
2043	9	0	0	1	1	0	0	2	(1)	4	1	110	128
2044	7	0	0	0	1	0	0	2	(1)	4	1	111	131
2045	6	0	0	0	1	0	0	2	(1)	3	1	111	135
2046	4	0	0	0	1	0	0	2	(1)	3	0	112	138
2047	3	0	0	0	1	0	0	2	(1)	3	0	112	142
2048	1	0	0	0	1	0	0	2	(1)	3	0	113	145

IN SERVICE COST	($000)	71
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.5%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	5.14	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58642

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE $(000)	SALVAGE TAX RATE $(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) $(000)	ACCUMULATED DEFERRED TAX $(000)
2019	3.75%	3	3	2	2	2	2	0	4	0	0	0	0	(1)
2020	7.22%	5	8	2	5	2	4	1	4	0	0	0	1	0
2021	6.68%	5	12	2	7	2	7	1	4	0	0	0	1	1
2022	6.18%	4	17	2	9	2	9	1	4	0	0	0	1	2
2023	5.71%	4	21	2	12	2	11	1	4	0	0	0	1	3
2024	5.29%	4	24	2	14	2	13	1	4	0	0	0	1	3
2025	4.89%	3	28	2	17	2	16	0	4	0	0	0	0	4
2026	4.52%	3	31	2	19	2	18	0	4	0	0	0	0	4
2027	4.46%	3	34	2	21	2	20	0	4	0	0	0	0	4
2028	4.46%	3	37	2	24	2	22	0	4	0	0	0	0	5
2029	4.46%	3	40	2	26	2	25	0	4	0	0	0	0	5
2030	4.46%	3	43	2	28	2	27	0	4	0	0	0	0	5
2031	4.46%	3	46	2	31	2	29	0	4	0	0	0	0	6
2032	4.46%	3	50	2	33	2	31	0	4	0	0	0	0	6
2033	4.46%	3	53	2	35	2	34	0	4	0	0	0	0	6
2034	4.46%	3	56	2	38	2	36	0	4	0	0	0	0	7
2035	4.46%	3	59	2	40	2	38	0	4	0	0	0	0	7
2036	4.46%	3	62	2	43	2	40	0	4	0	0	0	0	7
2037	4.46%	3	65	2	45	2	43	0	4	0	0	0	0	8
2038	4.46%	3	68	2	47	2	45	0	4	0	0	0	0	8
2039	2.23%	2	70	2	50	2	47	(0)	4	0	0	0	(0)	8
2040	0.00%	0	70	2	52	2	49	(1)	4	0	0	0	(1)	7
2041	0.00%	0	70	2	54	2	52	(1)	4	0	0	0	(1)	6
2042	0.00%	0	70	2	57	2	54	(1)	4	0	0	0	(1)	5
2043	0.00%	0	70	2	59	2	56	(1)	4	0	0	0	(1)	4
2044	0.00%	0	70	2	61	2	58	(1)	4	0	0	0	(1)	3
2045	0.00%	0	70	2	64	2	60	(1)	4	0	0	0	(1)	3
2046	0.00%	0	70	2	66	2	63	(1)	4	0	0	0	(1)	2
2047	0.00%	0	70	2	69	2	65	(1)	4	0	0	0	(1)	1
2048	0.00%	0	70	2	71	2	67	(1)	4	0	0	0	(1)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(1)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	4
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	3	0	69	2	(1)	72	69	71
2020	7.22%	5	1	66	5	0	69	66	68
2021	6.68%	5	1	64	7	1	66	63	64
2022	6.18%	4	1	61	9	2	63	60	61
2023	5.71%	4	1	59	12	3	60	56	58
2024	5.29%	4	1	57	14	3	56	54	55
2025	4.89%	3	0	54	17	4	54	51	52
2026	4.52%	3	0	52	19	4	51	48	49
2027	4.46%	3	0	50	21	4	48	45	47
2028	4.46%	3	0	47	24	5	45	43	44
2029	4.46%	3	0	45	26	5	43	40	41
2030	4.46%	3	0	43	28	5	40	37	39
2031	4.46%	3	0	40	31	6	37	35	36
2032	4.46%	3	0	38	33	6	35	32	33
2033	4.46%	3	0	35	35	6	32	29	30
2034	4.46%	3	0	33	38	7	29	26	28
2035	4.46%	3	0	31	40	7	26	24	25
2036	4.46%	3	0	28	43	7	24	21	22
2037	4.46%	3	0	26	45	8	21	18	20
2038	4.46%	3	0	24	47	8	18	16	17
2039	2.23%	2	(0)	21	50	8	16	13	15
2040	0.00%	0	(1)	19	52	7	13	12	13
2041	0.00%	0	(1)	17	54	6	12	10	11
2042	0.00%	0	(1)	14	57	5	10	9	10
2043	0.00%	0	(1)	12	59	4	9	7	8
2044	0.00%	0	(1)	9	61	3	7	6	7
2045	0.00%	0	(1)	7	64	3	6	4	5
2046	0.00%	0	(1)	5	66	2	4	3	4
2047	0.00%	0	(1)	2	69	1	3	1	2
2048	0.00%	0	(1)	0	71	0	1	0	1

*** Column not specified in workbook**

(1) YEAR	(2) NO.YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING ($/kW)	(7) CUMULATIVE AVERAGE SPENDING ($/kW)
2014	-5	0.00%	1.000	0.11%	0.83	0.41
2015	-4	3.00%	1.030	0.28%	2.26	1.96
2016	-3	3.00%	1.061	8.69%	71.58	38.88
2017	-2	3.00%	1.093	53.83%	456.61	302.97
2018	-1	3.00%	1.126	37.09%	324.11	693.33
				100.00%	855.39	

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)
2014	-5	0.41	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.86	0.86
2015	-4	1.99	0.04	0.05	0.13	0.16	0.10	0.12	(0.02)	(0.03)	2.39	3.24
2016	-3	39.03	0.76	0.81	2.54	2.70	2.01	2.13	(0.48)	(0.51)	74.12	77.36
2017	-2	305.67	5.95	6.76	19.90	22.60	15.69	17.82	(3.76)	(4.27)	476.51	553.87
2018	-1	715.93	13.99	20.74	46.81	69.41	36.57	54.39	(8.71)	(12.98)	370.93	924.80
				20.74		69.41		54.39		(12.98)		924.80

IN SERVICE YEAR	2019
PLANT COSTS	776.3262845
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	66	66	66
EQUITY AFUDC	4		
DEBT AFUDC	2	2	
CPI			4
TOTAL	71	67	70

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2014	1	1	3.60	7.12	3.60	0.00	1.00	1.00
2015	1	1	4.45	8.42	4.45	0.00	1.00	1.00
2016	1	1	4.92	12.24	4.92	0.00	1.00	1.00
2017	1	1	4.27	10.29	4.27	0.00	1.00	1.00
2018	1	1	5.27	11.75	5.27	0.00	1.00	1.00
2019	1	1	5.38	16.61	5.38	5.05	1.00	1.00
2020	1	1	5.65	19.65	5.65	5.04	1.00	1.00
2021	1	1	5.65	18.15	5.65	5.11	1.00	1.00
2022	1	1	5.60	15.84	5.60	5.07	1.00	1.00
2023	1	1	5.60	14.15	5.60	5.17	1.00	1.00
2024	1	1	5.81	14.12	5.81	5.46	1.00	1.00
2025	1	1	5.98	17.69	5.98	5.61	1.00	1.00
2026	1	1	5.73	19.09	5.73	5.73	1.00	1.00
2027	1	1	6.01	16.85	6.01	6.01	1.00	1.00
2028	1	1	6.07	17.17	6.07	6.10	1.00	1.00
2029	1	1	6.28	13.07	6.28	6.40	1.00	1.00
2030	1	1	6.34	14.76	6.34	6.40	1.00	1.00
2031	1	1	6.57	17.01	6.57	6.72	1.00	1.00
2032	1	1	6.62	15.42	6.62	6.79	1.00	1.00
2033	1	1	6.97	16.02	6.97	7.12	1.00	1.00
2034	1	1	7.05	13.20	7.05	7.32	1.00	1.00
2035	1	1	7.19	11.99	7.19	7.51	1.00	1.00
2036	1	1	7.47	17.33	7.47	7.70	1.00	1.00
2037	1	1	7.68	17.92	7.68	8.03	1.00	1.00
2038	1	1	7.94	16.32	7.94	8.32	1.00	1.00
2039	1	1	8.12	13.64	8.12	8.48	1.00	1.00
2040	1	1	8.35	14.31	8.35	8.85	1.00	1.00
2041	1	1	8.67	15.52	8.67	9.11	1.00	1.00
2042	1	1	8.99	18.22	8.99	9.45	1.00	1.00
2043	1	1	9.27	16.85	9.27	9.80	1.00	1.00
2044	1	1	9.60	18.50	9.60	10.24	1.00	1.00
2045	1	1	9.94	16.83	9.94	10.56	1.00	1.00
2046	1	1	10.25	13.72	10.25	10.91	1.00	1.00
2047	1	1	10.57	14.20	10.57	11.25	1.00	1.00
2048	1	1	11.00	18.99	11.00	11.71	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
	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.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
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	13	5	0	14	19	13
2020	12	5	0	26	32	11
2021	12	5	0	26	33	11
2022	11	5	1	27	32	12
2023	11	6	1	28	33	12
2024	10	6	1	30	35	12
2025	10	6	1	31	35	12
2026	10	6	1	31	35	12
2027	9	6	1	32	36	12
2028	9	6	1	33	36	13
2029	9	6	1	34	38	12
2030	8	7	1	35	38	12
2031	8	7	1	37	40	12
2032	7	7	1	38	41	12
2033	7	7	1	40	43	12
2034	7	7	1	41	44	12
2035	6	8	1	43	45	12
2036	6	8	1	44	47	12
2037	6	8	1	46	48	12
2038	5	8	1	48	50	12
2039	5	8	1	50	51	12
2040	5	9	1	52	53	12
2041	4	9	1	53	55	12
2042	4	9	1	55	57	12
2043	4	9	1	57	59	12
2044	4	9	1	60	62	12
2045	3	10	1	62	64	12
2046	3	10	1	64	66	12
2047	3	10	1	66	68	12
2048	3	10	1	69	71	12
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	213	222	19	1,273	1,367	360
NPV	78	57	5	305	340	106

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2014	0	0	0	0	0	0	7	0
2015	2	0	2	0	0	0	17	0
2016	2	0	2	0	0	0	26	0
2017	2	0	2	0	0	0	21	0
2018	2	0	2	0	0	0	24	0
2019	2	0	2	0	0	0	35	0
2020	2	0	2	0	0	0	42	0
2021	2	0	2	0	0	0	38	0
2022	1	0	2	0	0	0	33	0
2023	1	0	2	0	0	0	30	0
2024	1	0	2	0	0	0	29	0
2025	1	0	2	0	0	0	37	0
2026	1	0	2	0	0	0	41	0
2027	1	0	2	0	0	0	35	0
2028	1	0	2	0	0	0	36	0
2029	1	0	1	0	0	0	27	0
2030	1	0	1	0	0	0	31	0
2031	1	0	1	0	0	0	36	0
2032	1	0	1	0	0	0	32	0
2033	1	0	1	0	0	0	33	0
2034	1	0	1	0	0	0	27	0
2035	1	0	1	0	0	0	24	0
2036	1	0	1	0	0	0	36	0
2037	1	0	1	0	0	0	37	0
2038	1	0	1	0	0	0	33	0
2039	1	1	1	0	0	0	27	0
2040	1	1	1	0	0	0	29	0
2041	1	1	1	0	0	0	31	0
2042	1	1	1	0	0	0	37	0
2043	1	1	1	0	0	0	34	0
2044	1	1	1	0	0	0	38	0
2045	1	1	1	0	0	0	34	0
2046	1	1	1	0	0	0	27	0
2047	1	1	1	0	0	0	28	0
2048	1	1	1	0	0	0	38	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	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.	37	15	51	4	7	12	1,092	0
NPV	17	4	21	2	2	4	380	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT $(000)	(3) REPLACEMENT EMISSION COST $(000)	(4) PROGRAM EMISSION BENEFIT $(000)	(5) OFF-PEAK EMISSION PAYBACK COST $(000)	(6) NET EMISSION BENEFIT $(000)
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	2	3	1	0	0
2023	4	5	1	0	0
2024	4	5	2	0	0
2025	4	6	2	0	0
2026	5	6	2	0	0
2027	5	7	2	0	1
2028	6	7	2	0	1
2029	6	8	3	0	1
2030	7	9	3	0	1
2031	7	10	3	0	1
2032	8	11	3	0	1
2033	9	12	4	0	1
2034	10	13	4	0	1
2035	11	14	4	0	1
2036	12	15	5	0	1
2037	13	16	5	0	1
2038	14	18	6	0	1
2039	15	19	6	0	1
2040	16	21	6	0	1
2041	17	23	7	0	2
2042	19	24	7	0	2
2043	20	26	8	0	2
2044	21	28	9	0	2
2045	23	30	9	0	2
2046	24	32	10	0	2
2047	26	34	10	0	2
2048	28	36	11	0	3
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	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	335	439	136	0	32
NPV	60	78	25	0	6

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	53	0	53	0	0	7	0	7	(46)	(46)
2015	0	0	0	0	0	0	3	17	0	20	20	(27)
2016	0	0	0	0	0	0	3	26	0	28	28	(3)
2017	0	0	0	0	0	0	3	21	0	24	24	16
2018	0	0	0	0	0	0	2	24	0	27	27	36
2019	0	0	0	0	0	13	2	35	0	51	51	72
2020	0	0	0	0	0	11	2	42	0	56	56	108
2021	0	0	0	0	0	11	2	38	0	52	52	139
2022	0	0	0	0	0	12	2	33	0	48	48	165
2023	0	0	0	0	0	12	2	30	0	44	44	188
2024	0	0	68	0	68	12	2	29	0	44	(25)	176
2025	0	0	0	0	0	12	2	37	0	52	52	200
2026	0	0	0	0	0	12	2	41	0	55	55	223
2027	0	0	0	0	0	12	2	35	1	50	50	242
2028	0	0	0	0	0	13	2	36	1	51	51	260
2029	0	0	0	0	0	12	2	27	1	41	41	274
2030	0	0	0	0	0	12	2	31	1	45	45	288
2031	0	0	0	0	0	12	2	36	1	50	50	303
2032	0	0	0	0	0	12	2	32	1	47	47	316
2033	0	0	0	0	0	12	2	33	1	47	47	327
2034	0	0	87	0	87	12	2	27	1	41	(46)	317
2035	0	0	0	0	0	12	2	24	1	39	39	325
2036	0	0	0	0	0	12	2	36	1	51	51	335
2037	0	0	0	0	0	12	2	37	1	52	52	345
2038	0	0	0	0	0	12	2	33	1	48	48	353
2039	0	0	0	0	0	12	2	27	1	43	43	360
2040	0	0	0	0	0	12	2	29	1	44	44	367
2041	0	0	0	0	0	12	2	31	2	47	47	374
2042	0	0	0	0	0	12	2	37	2	53	53	380
2043	0	0	0	0	0	12	2	34	2	50	50	387
2044	0	0	111	0	112	12	2	38	2	53	(59)	380
2045	0	0	0	0	0	12	1	34	2	50	50	385
2046	0	0	0	0	0	12	1	27	2	43	43	389
2047	0	0	0	0	0	12	1	28	2	44	44	393
2048	0	0	0	0	0	12	1	38	3	55	55	398
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	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	1	319	0	320	360	63	1,092	32	1,547	1,227	
NPV	0	0	119	0	119	106	26	380	6	517	398	

Discount Rate: 7.54 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **4.34**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	10	0	12	0	22	53	0	0	53	(31)	(31)
2015	18	0	0	0	18	0	0	0	0	18	(14)
2016	19	0	0	0	19	0	0	0	0	19	2
2017	19	0	0	0	19	0	0	0	0	19	18
2018	21	0	0	0	21	0	0	0	0	21	33
2019	22	0	0	0	22	0	0	0	0	22	49
2020	23	0	0	0	23	0	0	0	0	23	64
2021	23	0	0	0	23	0	0	0	0	23	78
2022	24	0	0	0	24	0	0	0	0	24	91
2023	24	0	0	0	24	0	0	0	0	24	104
2024	25	0	12	0	37	68	0	0	68	(31)	89
2025	25	0	0	0	25	0	0	0	0	25	100
2026	25	0	0	0	25	0	0	0	0	25	111
2027	26	0	0	0	26	0	0	0	0	26	121
2028	26	0	0	0	26	0	0	0	0	26	130
2029	27	0	0	0	27	0	0	0	0	27	139
2030	27	0	0	0	27	0	0	0	0	27	148
2031	28	0	0	0	28	0	0	0	0	28	156
2032	29	0	0	0	29	0	0	0	0	29	164
2033	31	0	0	0	31	0	0	0	0	31	171
2034	32	0	12	0	44	87	0	0	87	(43)	161
2035	33	0	0	0	33	0	0	0	0	33	168
2036	35	0	0	0	35	0	0	0	0	35	175
2037	36	0	0	0	36	0	0	0	0	36	182
2038	37	0	0	0	37	0	0	0	0	37	189
2039	38	0	0	0	38	0	0	0	0	38	195
2040	39	0	0	0	39	0	0	0	0	39	201
2041	40	0	0	0	40	0	0	0	0	40	206
2042	42	0	0	0	42	0	0	0	0	42	212
2043	44	0	0	0	44	0	0	0	0	44	217
2044	45	0	12	0	57	111	0	0	111	(54)	211
2045	47	0	0	0	47	0	0	0	0	47	216
2046	49	0	0	0	49	0	0	0	0	49	221
2047	51	0	0	0	51	0	0	0	0	51	225
2048	53	0	0	0	53	0	0	0	0	53	230
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	1,092	0	48	0	1,141	319	0	0	319	822	
NPV	327	0	22	0	349	119	0	0	119	230	

In Service of Gen Unit:	2019	
Discount Rate :	7.54	%
Benefit/Cost Ratio (Col(6) / Col(10))	**2.94**	

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	12	9	0	21	7	0	0	0	7	(13)	(13)
2015	0	0	0	17	0	17	17	3	0	0	20	3	(10)
2016	0	0	0	17	0	17	26	3	0	0	28	11	(1)
2017	0	0	0	18	0	18	21	3	0	0	24	6	4
2018	0	0	0	19	0	19	24	2	0	0	27	8	10
2019	0	0	0	20	0	20	49	2	0	0	51	31	32
2020	0	0	0	21	0	21	53	2	0	0	56	35	55
2021	0	0	0	21	0	21	49	2	0	0	52	31	73
2022	0	0	0	22	0	22	45	2	0	0	48	26	87
2023	0	0	0	22	0	22	42	2	0	0	44	22	99
2024	0	0	12	22	0	34	41	2	0	0	44	9	103
2025	0	0	0	22	0	22	49	2	0	0	52	29	116
2026	0	0	0	22	0	22	53	2	0	0	55	33	130
2027	0	0	0	23	0	23	47	2	0	1	50	27	141
2028	0	0	0	23	0	23	49	2	0	1	51	28	151
2029	0	0	0	24	0	24	39	2	0	1	41	18	157
2030	0	0	0	24	0	24	43	2	0	1	45	21	163
2031	0	0	0	25	0	25	47	2	0	1	50	25	171
2032	0	0	0	26	0	26	44	2	0	1	47	21	176
2033	0	0	0	27	0	27	45	2	0	1	47	20	181
2034	0	0	12	28	0	40	39	2	0	1	41	1	181
2035	0	0	0	29	0	29	36	2	0	1	39	10	184
2036	0	0	0	30	0	30	48	2	0	1	51	20	188
2037	0	0	0	31	0	31	49	2	0	1	52	21	192
2038	0	0	0	32	0	32	45	2	0	1	48	16	194
2039	0	0	0	33	0	33	40	2	0	1	43	10	196
2040	0	0	0	34	0	34	41	2	0	1	44	10	197
2041	0	0	0	35	0	35	43	2	0	2	47	11	199
2042	0	0	0	36	0	36	50	2	0	2	53	17	201
2043	0	0	0	38	0	38	46	2	0	2	50	12	203
2044	0	0	12	39	0	52	49	2	0	2	53	1	203
2045	0	0	0	41	0	41	46	1	0	2	50	9	204
2046	0	0	0	42	0	42	39	1	0	2	43	0	204
2047	0	0	0	44	0	44	40	1	0	2	44	(0)	204
2048	0	0	0	46	0	46	51	1	0	3	55	9	204
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	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	1	48	961	0	1,011	1,452	63	0	32	1,547	536	
NPV	0	0	22	290	0	313	485	26	0	6	517	204	

Discount Rate 7.54 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **1.65**

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	48.70	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	64.03755	kW
(3) kW LINE LOSS PERCENTAGE	7.22	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	438,751.54	kWh
(5) kWh LINE LOSS PERCENTAGE	5.76	%
(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	36	YEARS
(2) GENERATOR ECONOMIC LIFE	30	YEARS
(3) T&D ECONOMIC LIFE	35	YEARS
(4) K FACTOR FOR GENERATION	1.58273	
(5) K FACTOR FOR T & D	1.56919	

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	7.45	%
*	(11) UTILITY AFUDC RATE	6.50	%
*	(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	2013	
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2016-2019	
(4) BASE YEAR AVOIDED GENERATING COST	774.44	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90	$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85	$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	103.11	$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50	%**
(10) TRANSMISSION FIXED O & M COST	3.53	$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34	$/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	53%	** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	4.12	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	10.15	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2013	1	10	0	11	10	4	129	0	0	129
2014	0	0	0	0	20	7	0	0	0	0
2015	0	0	0	0	21	7	0	0	0	0
2016	0	0	0	0	21	7	0	0	0	0
2017	0	0	0	0	21	6	0	0	0	0
2018	0	0	0	0	24	7	0	0	0	0
2019	0	0	0	0	25	8	0	0	0	0
2020	0	0	0	0	26	8	0	0	0	0
2021	0	0	0	0	27	8	0	0	0	0
2022	0	0	0	0	28	9	0	0	0	0
2023	0	0	0	0	30	8	0	0	0	0
2024	0	0	0	0	30	8	0	0	0	0
2025	0	0	0	0	31	8	0	0	0	0
2026	0	0	0	0	32	8	0	0	0	0
2027	0	0	0	0	33	8	0	0	0	0
2028	1	10	0	11	34	8	187	0	0	187
2029	0	0	0	0	35	8	0	0	0	0
2030	0	0	0	0	36	8	0	0	0	0
2031	0	0	0	0	37	8	0	0	0	0
2032	0	0	0	0	40	8	0	0	0	0
2033	0	0	0	0	43	8	0	0	0	0
2034	0	0	0	0	45	8	0	0	0	0
2035	0	0	0	0	47	8	0	0	0	0
2036	0	0	0	0	50	9	0	0	0	0
2037	0	0	0	0	52	9	0	0	0	0
2038	0	0	0	0	55	9	0	0	0	0
2039	0	0	0	0	57	9	0	0	0	0
2040	0	0	0	0	59	9	0	0	0	0
2041	0	0	0	0	62	9	0	0	0	0
2042	0	0	0	0	65	9	0	0	0	0
2043	1	10	0	11	68	9	270	0	0	270
2044	0	0	0	0	72	9	0	0	0	0
2045	0	0	0	0	75	9	0	0	0	0
2046	0	0	0	0	79	9	0	0	0	0
2047	0	0	0	0	84	9	0	0	0	0
2048	0	0	0	0	88	9	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	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	30	0	32	1,561	292	586	0	0	586
NPV	1	15	0	15	413	99	224	0	0	224

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	62	1	0	4	2	1	0	2	0	11	11	11	61
2020	59	1	0	4	1	1	0	2	1	10	10	20	62
2021	57	1	0	4	1	1	0	2	1	10	9	29	64
2022	54	1	0	3	1	1	0	2	1	10	8	37	66
2023	51	1	0	3	1	1	0	2	1	9	7	44	67
2024	48	1	0	3	1	1	0	2	0	9	6	50	69
2025	46	1	0	3	1	1	0	2	0	9	6	55	71
2026	43	1	0	3	1	1	0	2	0	8	5	60	72
2027	41	1	0	3	1	1	0	2	0	8	4	65	74
2028	39	1	0	2	1	1	0	2	0	8	4	69	76
2029	37	1	0	2	1	1	0	2	0	7	4	72	78
2030	34	1	0	2	1	1	0	2	0	7	3	75	80
2031	32	1	0	2	1	1	0	2	0	7	3	78	82
2032	30	1	0	2	1	1	0	2	0	6	2	81	84
2033	27	1	0	2	1	1	0	2	0	6	2	83	86
2034	25	0	0	2	1	1	0	2	0	6	2	85	88
2035	23	0	0	1	1	0	0	2	0	5	2	87	90
2036	20	0	0	1	1	0	0	2	0	5	1	88	93
2037	18	0	0	1	0	0	0	2	0	5	1	89	95
2038	16	0	0	1	0	0	0	2	0	4	1	90	97
2039	13	0	0	1	1	0	0	2	(0)	4	1	91	100
2040	12	0	0	1	1	0	0	2	(1)	4	1	92	102
2041	10	0	0	1	1	0	0	2	(1)	4	1	93	105
2042	9	0	0	1	1	0	0	2	(1)	3	1	94	107
2043	8	0	0	0	1	0	0	2	(1)	3	1	94	110
2044	6	0	0	0	1	0	0	2	(1)	3	1	95	113
2045	5	0	0	0	1	0	0	2	(1)	3	0	95	116
2046	4	0	0	0	1	0	0	2	(1)	3	0	96	119
2047	3	0	0	0	1	0	0	2	(1)	3	0	96	121
2048	1	0	0	0	1	(0)	0	2	(1)	2	0	96	125

IN SERVICE COST	($000)	61
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.4%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	4.79	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58273

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE $(000)	SALVAGE TAX RATE $(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) $(000)	ACCUMULATED DEFERRED TAX $(000)
2019	3.75%	2	2	2	2	2	2	0	3	0	0	0	0	(1)
2020	7.22%	4	7	2	4	2	4	1	3	0	0	0	1	0
2021	6.68%	4	11	2	6	2	6	1	3	0	0	0	1	1
2022	6.18%	4	14	2	8	2	8	1	3	0	0	0	1	2
2023	5.71%	3	18	2	10	2	10	1	3	0	0	0	1	2
2024	5.29%	3	21	2	12	2	12	0	3	0	0	0	0	3
2025	4.89%	3	24	2	14	2	13	0	3	0	0	0	0	3
2026	4.52%	3	26	2	16	2	15	0	3	0	0	0	0	3
2027	4.46%	3	29	2	18	2	17	0	3	0	0	0	0	4
2028	4.46%	3	32	2	20	2	19	0	3	0	0	0	0	4
2029	4.46%	3	34	2	22	2	21	0	3	0	0	0	0	4
2030	4.46%	3	37	2	24	2	23	0	3	0	0	0	0	5
2031	4.46%	3	40	2	26	2	25	0	3	0	0	0	0	5
2032	4.46%	3	42	2	28	2	27	0	3	0	0	0	0	5
2033	4.46%	3	45	2	30	2	29	0	3	0	0	0	0	5
2034	4.46%	3	48	2	32	2	31	0	3	0	0	0	0	6
2035	4.46%	3	50	2	34	2	33	0	3	0	0	0	0	6
2036	4.46%	3	53	2	37	2	35	0	3	0	0	0	0	6
2037	4.46%	3	56	2	39	2	36	0	3	0	0	0	0	7
2038	4.46%	3	58	2	41	2	38	0	3	0	0	0	0	7
2039	2.23%	1	60	2	43	2	40	(0)	3	0	0	0	(0)	7
2040	0.00%	0	60	2	45	2	42	(1)	3	0	0	0	(1)	6
2041	0.00%	0	60	2	47	2	44	(1)	3	0	0	0	(1)	5
2042	0.00%	0	60	2	49	2	46	(1)	3	0	0	0	(1)	4
2043	0.00%	0	60	2	51	2	48	(1)	3	0	0	0	(1)	4
2044	0.00%	0	60	2	53	2	50	(1)	3	0	0	0	(1)	3
2045	0.00%	0	60	2	55	2	52	(1)	3	0	0	0	(1)	2
2046	0.00%	0	60	2	57	2	54	(1)	3	0	0	0	(1)	1
2047	0.00%	0	60	2	59	2	56	(1)	3	0	0	0	(1)	1
2048	0.00%	0	60	2	61	2	58	(1)	3	0	0	0	(1)	0

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

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	2	0	59	2	(1)	62	59	61
2020	7.22%	4	1	57	4	0	59	57	58
2021	6.68%	4	1	55	6	1	57	54	55
2022	6.18%	4	1	53	8	2	54	51	52
2023	5.71%	3	1	51	10	2	51	48	50
2024	5.29%	3	0	49	12	3	48	46	47
2025	4.89%	3	0	47	14	3	46	43	45
2026	4.52%	3	0	45	16	3	43	41	42
2027	4.46%	3	0	43	18	4	41	39	40
2028	4.46%	3	0	41	20	4	39	37	38
2029	4.46%	3	0	39	22	4	37	34	35
2030	4.46%	3	0	37	24	5	34	32	33
2031	4.46%	3	0	34	26	5	32	30	31
2032	4.46%	3	0	32	28	5	30	27	28
2033	4.46%	3	0	30	30	5	27	25	26
2034	4.46%	3	0	28	32	6	25	23	24
2035	4.46%	3	0	26	34	6	23	20	21
2036	4.46%	3	0	24	37	6	20	18	19
2037	4.46%	3	0	22	39	7	18	16	17
2038	4.46%	3	0	20	41	7	16	13	15
2039	2.23%	1	(0)	18	43	7	13	12	12
2040	0.00%	0	(1)	16	45	6	12	10	11
2041	0.00%	0	(1)	14	47	5	10	9	10
2042	0.00%	0	(1)	12	49	4	9	8	8
2043	0.00%	0	(1)	10	51	4	8	6	7
2044	0.00%	0	(1)	8	53	3	6	5	6
2045	0.00%	0	(1)	6	55	2	5	4	5
2046	0.00%	0	(1)	4	57	1	4	3	3
2047	0.00%	0	(1)	2	59	1	3	1	2
2048	0.00%	0	(1)	(0)	61	0	1	0	1

*** Column not specified in workbook**

(1) YEAR	(2) NO.YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING ($/kW)	(7) CUMULATIVE AVERAGE SPENDING ($/kW)
2013	-6	0.00%	1.000	0.00%	0.00	0.00
2014	-5	3.00%	1.030	0.10%	0.79	0.39
2015	-4	3.00%	1.061	0.25%	2.06	1.82
2016	-3	3.00%	1.093	8.38%	70.94	38.32
2017	-2	3.00%	1.126	54.25%	472.86	310.22
2018	-1	3.00%	1.159	37.02%	332.34	712.82
				100.00%	878.99	

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)
2013	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	-5	0.39	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.81	0.81
2015	-4	1.84	0.03	0.04	0.12	0.15	0.09	0.11	(0.02)	(0.02)	2.18	2.99
2016	-3	38.46	0.72	0.76	2.50	2.65	1.84	1.95	(0.43)	(0.46)	73.44	76.44
2017	-2	312.87	5.87	6.63	20.37	23.01	14.95	16.90	(3.51)	(3.96)	493.23	569.66
2018	-1	735.83	14.31	20.94	48.09	71.10	34.95	51.85	(7.96)	(11.93)	380.42	950.09
				20.94		71.10		51.85		(11.93)		950.09

IN SERVICE YEAR	2019
PLANT COSTS	774.4358809
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	56	56	56
EQUITY AFUDC	3		
DEBT AFUDC	1	1	
CPI			3
TOTAL	61	58	60

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2013	1	1	3.15	8.03	3.16	0.00	1.00	1.00
2014	1	1	3.52	7.47	3.53	0.00	1.00	1.00
2015	1	1	3.59	7.46	3.60	0.00	1.00	1.00
2016	1	1	4.65	10.78	4.67	0.00	1.00	1.00
2017	1	1	4.10	8.78	4.11	0.00	1.00	1.00
2018	1	1	4.70	14.25	4.71	0.00	1.00	1.00
2019	1	1	4.94	10.62	4.95	5.08	1.00	1.00
2020	1	1	5.44	13.60	5.45	5.40	1.00	1.00
2021	1	1	5.81	15.99	5.82	5.78	1.00	1.00
2022	1	1	5.84	12.06	5.85	5.89	1.00	1.00
2023	1	1	6.14	13.03	6.15	6.24	1.00	1.00
2024	1	1	6.47	15.49	6.48	6.56	1.00	1.00
2025	1	1	6.60	13.82	6.61	6.69	1.00	1.00
2026	1	1	6.84	15.93	6.86	6.86	1.00	1.00
2027	1	1	7.02	16.41	7.03	7.05	1.00	1.00
2028	1	1	7.00	14.90	7.02	7.06	1.00	1.00
2029	1	1	7.10	14.65	7.12	7.18	1.00	1.00
2030	1	1	7.20	14.63	7.22	7.24	1.00	1.00
2031	1	1	7.37	14.77	7.39	7.49	1.00	1.00
2032	1	1	7.58	14.56	7.59	7.65	1.00	1.00
2033	1	1	7.87	15.93	7.89	7.99	1.00	1.00
2034	1	1	8.03	15.67	8.05	8.30	1.00	1.00
2035	1	1	8.24	15.63	8.25	8.52	1.00	1.00
2036	1	1	8.46	14.40	8.47	8.66	1.00	1.00
2037	1	1	8.72	15.98	8.74	9.08	1.00	1.00
2038	1	1	9.03	16.16	9.04	9.48	1.00	1.00
2039	1	1	9.29	15.97	9.30	9.89	1.00	1.00
2040	1	1	9.53	15.90	9.54	10.24	1.00	1.00
2041	1	1	9.82	15.77	9.83	10.60	1.00	1.00
2042	1	1	10.18	15.99	10.19	11.04	1.00	1.00
2043	1	1	10.53	16.79	10.54	11.48	1.00	1.00
2044	1	1	10.87	17.01	10.88	11.90	1.00	1.00
2045	1	1	11.33	19.14	11.34	12.44	1.00	1.00
2046	1	1	11.74	19.38	11.75	12.96	1.00	1.00
2047	1	1	12.13	19.85	12.14	13.40	1.00	1.00
2048	1	1	12.55	20.13	12.57	14.01	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
	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.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
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	11	8	0	12	15	16
2020	10	8	0	23	27	14
2021	10	8	0	24	29	14
2022	10	8	0	25	29	14
2023	9	8	0	27	31	14
2024	9	9	0	28	32	14
2025	9	9	0	29	34	14
2026	8	9	0	30	35	13
2027	8	9	0	31	35	13
2028	8	10	0	32	35	14
2029	7	10	0	33	36	15
2030	7	10	0	34	36	15
2031	7	10	0	36	38	15
2032	6	11	0	37	39	16
2033	6	11	0	39	40	16
2034	6	11	0	40	42	15
2035	5	11	1	42	43	16
2036	5	12	1	43	44	16
2037	5	12	1	45	46	16
2038	4	12	1	47	48	16
2039	4	13	1	48	50	16
2040	4	13	1	50	52	16
2041	4	13	1	52	53	16
2042	3	14	1	54	56	16
2043	3	14	1	56	58	16
2044	3	14	1	58	60	16
2045	3	15	1	61	63	16
2046	3	15	1	63	65	16
2047	3	15	1	65	68	16
2048	2	16	1	68	71	16
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	181	336	15	1,231	1,307	456
NPV	63	82	4	275	301	122

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2013	0	0	0	0	0	0	20	0
2014	2	0	2	0	0	0	36	0
2015	2	0	2	0	0	0	36	0
2016	2	0	2	0	0	0	53	0
2017	1	0	2	0	0	0	43	0
2018	1	0	2	0	0	0	71	0
2019	1	0	2	0	0	0	52	0
2020	1	0	2	0	0	0	67	0
2021	1	0	2	0	0	0	79	0
2022	1	0	1	0	0	0	59	0
2023	1	0	1	0	0	0	63	0
2024	1	0	1	0	0	0	76	0
2025	1	0	1	0	0	0	67	0
2026	1	0	1	0	0	0	78	0
2027	1	0	1	0	0	0	80	0
2028	1	0	1	0	0	0	72	0
2029	1	0	1	0	0	0	71	0
2030	1	0	1	0	0	0	71	0
2031	1	0	1	0	0	0	71	0
2032	1	0	1	0	0	0	70	0
2033	1	0	1	0	0	0	77	0
2034	1	0	1	0	0	0	76	0
2035	1	0	1	0	0	0	75	0
2036	1	0	1	0	0	0	69	0
2037	1	0	1	0	0	0	77	0
2038	1	0	1	0	0	0	77	0
2039	1	0	1	0	0	0	76	0
2040	1	0	1	0	0	0	75	0
2041	1	0	1	0	0	0	75	0
2042	1	0	1	0	0	0	75	0
2043	1	0	1	0	0	0	79	0
2044	0	0	1	0	0	0	80	0
2045	0	0	1	0	0	0	91	0
2046	0	1	1	0	0	0	92	0
2047	0	1	1	0	0	0	94	0
2048	0	1	1	0	0	0	95	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	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.	31	13	44	4	6	10	2,520	0
NPV	14	4	18	2	2	4	802	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT $(000)	(3) REPLACEMENT EMISSION COST $(000)	(4) PROGRAM EMISSION BENEFIT $(000)	(5) OFF-PEAK EMISSION PAYBACK COST $(000)	(6) NET EMISSION BENEFIT $(000)
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	2	2	0	1
2024	2	2	2	0	2
2025	2	3	3	0	2
2026	2	3	3	0	2
2027	3	4	3	0	2
2028	3	4	4	0	3
2029	4	5	4	0	3
2030	4	5	5	0	3
2031	5	6	5	0	4
2032	5	7	6	0	4
2033	6	8	7	0	5
2034	7	9	8	0	6
2035	7	10	8	0	6
2036	8	11	9	0	7
2037	9	12	10	0	8
2038	10	13	12	0	8
2039	11	15	13	0	9
2040	12	16	14	0	10
2041	13	18	15	0	11
2042	15	19	17	0	12
2043	16	21	19	0	14
2044	18	23	20	0	15
2045	19	25	22	0	16
2046	21	28	24	0	18
2047	23	30	26	0	19
2048	25	33	28	0	21
	0	0	0	0	0
	0	0	0	0	0
	0	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	252	331	291	0	213
NPV	38	50	45	0	34

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2013	0	1	129	0	129	0	0	20	0	20	(109)	(109)
2014	0	0	0	0	0	0	2	36	0	39	39	(73)
2015	0	0	0	0	0	0	2	36	0	39	39	(40)
2016	0	0	0	0	0	0	2	53	0	55	55	5
2017	0	0	0	0	0	0	2	43	0	45	45	38
2018	0	0	0	0	0	0	2	71	0	73	73	89
2019	0	0	0	0	0	16	2	52	0	69	69	134
2020	0	0	0	0	0	14	2	67	0	83	83	185
2021	0	0	0	0	0	14	2	79	0	95	95	238
2022	0	0	0	0	0	14	2	59	0	74	74	277
2023	0	0	0	0	0	14	2	63	1	80	80	316
2024	0	0	0	0	0	14	2	76	2	93	93	358
2025	0	0	0	0	0	14	2	67	2	84	84	394
2026	0	0	0	0	0	13	2	78	2	95	95	431
2027	0	0	0	0	0	13	2	80	2	98	98	467
2028	0	1	187	0	187	14	2	72	3	91	(96)	434
2029	0	0	0	0	0	15	1	71	3	90	90	463
2030	0	0	0	0	0	15	1	71	3	91	91	490
2031	0	0	0	0	0	15	1	71	4	92	92	515
2032	0	0	0	0	0	16	1	70	4	92	92	538
2033	0	0	0	0	0	16	1	77	5	99	99	562
2034	0	0	0	0	0	15	1	76	6	98	98	583
2035	0	0	0	0	0	16	1	75	6	99	99	604
2036	0	0	0	0	0	16	1	69	7	93	93	622
2037	0	0	0	0	0	16	1	77	8	102	102	640
2038	0	0	0	0	0	16	1	77	8	103	103	657
2039	0	0	0	0	0	16	1	76	9	102	102	673
2040	0	0	0	0	0	16	1	75	10	103	103	688
2041	0	0	0	0	0	16	1	75	11	103	103	701
2042	0	0	0	0	0	16	1	75	12	105	105	714
2043	0	1	270	0	271	16	1	79	14	110	(161)	696
2044	0	0	0	0	0	16	1	80	15	113	113	708
2045	0	0	0	0	0	16	1	91	16	125	125	720
2046	0	0	0	0	0	16	1	92	18	127	127	732
2047	0	0	0	0	0	16	1	94	19	130	130	744
2048	0	0	0	0	0	16	1	95	21	133	133	754
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	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	2	586	0	588	456	54	2,520	213	3,243	2,655	
NPV	0	1	224	0	224	122	22	802	34	979	754	

Discount Rate: 7.45 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **4.36**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2013	15	0	10	0	25	129	0	0	129	(104)	(104)
2014	31	0	0	0	31	0	0	0	0	31	(75)
2015	31	0	0	0	31	0	0	0	0	31	(48)
2016	32	0	0	0	32	0	0	0	0	32	(22)
2017	32	0	0	0	32	0	0	0	0	32	2
2018	36	0	0	0	36	0	0	0	0	36	27
2019	38	0	0	0	38	0	0	0	0	38	52
2020	39	0	0	0	39	0	0	0	0	39	75
2021	41	0	0	0	41	0	0	0	0	41	98
2022	42	0	0	0	42	0	0	0	0	42	120
2023	44	0	0	0	44	0	0	0	0	44	142
2024	45	0	0	0	45	0	0	0	0	45	162
2025	45	0	0	0	45	0	0	0	0	45	181
2026	47	0	0	0	47	0	0	0	0	47	199
2027	48	0	0	0	48	0	0	0	0	48	217
2028	49	0	10	0	59	187	0	0	187	(128)	173
2029	50	0	0	0	50	0	0	0	0	50	189
2030	52	0	0	0	52	0	0	0	0	52	205
2031	53	0	0	0	53	0	0	0	0	53	219
2032	56	0	0	0	56	0	0	0	0	56	233
2033	60	0	0	0	60	0	0	0	0	60	248
2034	62	0	0	0	62	0	0	0	0	62	261
2035	65	0	0	0	65	0	0	0	0	65	275
2036	69	0	0	0	69	0	0	0	0	69	288
2037	72	0	0	0	72	0	0	0	0	72	301
2038	74	0	0	0	74	0	0	0	0	74	313
2039	77	0	0	0	77	0	0	0	0	77	325
2040	80	0	0	0	80	0	0	0	0	80	337
2041	83	0	0	0	83	0	0	0	0	83	348
2042	87	0	0	0	87	0	0	0	0	87	358
2043	91	0	10	0	101	270	0	0	270	(169)	339
2044	95	0	0	0	95	0	0	0	0	95	349
2045	100	0	0	0	100	0	0	0	0	100	359
2046	105	0	0	0	105	0	0	0	0	105	369
2047	110	0	0	0	110	0	0	0	0	110	379
2048	116	0	0	0	116	0	0	0	0	116	388
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	2,172	0	30	0	2,202	586	0	0	586	1,616	
NPV	597	0	15	0	612	224	0	0	224	388	

In Service of Gen Unit: 2019
Discount Rate : 7.45 %
Benefit/Cost Ratio (Col(6) / Col(10)) **2.73**

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2013	0	1	10	13	0	24	20	0	0	0	20	(4)	(4)
2014	0	0	0	27	0	27	36	2	0	0	39	12	8
2015	0	0	0	27	0	27	36	2	0	0	39	11	17
2016	0	0	0	27	0	27	53	2	0	0	55	28	40
2017	0	0	0	28	0	28	43	2	0	0	45	17	52
2018	0	0	0	31	0	31	71	2	0	0	73	42	82
2019	0	0	0	33	0	33	67	2	0	0	69	37	106
2020	0	0	0	34	0	34	81	2	0	0	83	49	135
2021	0	0	0	35	0	35	93	2	0	0	95	60	169
2022	0	0	0	36	0	36	72	2	0	0	74	38	189
2023	0	0	0	38	0	38	77	2	0	1	80	43	210
2024	0	0	0	38	0	38	90	2	0	2	93	55	234
2025	0	0	0	39	0	39	81	2	0	2	84	45	253
2026	0	0	0	40	0	40	91	2	0	2	95	55	275
2027	0	0	0	41	0	41	94	2	0	2	98	57	296
2028	0	1	10	42	0	53	87	2	0	3	91	38	309
2029	0	0	0	43	0	43	86	1	0	3	90	47	324
2030	0	0	0	44	0	44	86	1	0	3	91	47	338
2031	0	0	0	45	0	45	87	1	0	4	92	47	350
2032	0	0	0	48	0	48	86	1	0	4	92	44	362
2033	0	0	0	51	0	51	93	1	0	5	99	48	373
2034	0	0	0	53	0	53	91	1	0	6	98	45	383
2035	0	0	0	55	0	55	91	1	0	6	99	44	392
2036	0	0	0	59	0	59	85	1	0	7	93	34	399
2037	0	0	0	61	0	61	93	1	0	8	102	41	406
2038	0	0	0	63	0	63	93	1	0	8	103	40	412
2039	0	0	0	66	0	66	92	1	0	9	102	37	418
2040	0	0	0	68	0	68	91	1	0	10	103	35	423
2041	0	0	0	71	0	71	90	1	0	11	103	32	427
2042	0	0	0	74	0	74	91	1	0	12	105	32	431
2043	0	1	10	77	0	88	95	1	0	14	110	22	434
2044	0	0	0	81	0	81	97	1	0	15	113	32	437
2045	0	0	0	85	0	85	107	1	0	16	125	40	441
2046	0	0	0	89	0	89	108	1	0	18	127	38	445
2047	0	0	0	93	0	93	110	1	0	19	130	37	448
2048	0	0	0	98	0	98	111	1	0	21	133	35	451
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	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	2	30	1,852	0	1,885	2,976	54	0	213	3,243	1,358	
NPV	0	1	15	512	0	528	924	22	0	34	979	451	

Discount Rate 7.45 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **1.85**

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	110.52	kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	146.44903	kW
(3) kW LINE LOSS PERCENTAGE	7.94	%
(4) GENERATOR kWh REDUCTION PER CUSTOMER	925,808.96	kWh
(5) kWh LINE LOSS PERCENTAGE	6.24	%
(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	37	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	2019	
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2015-2019	
(4) BASE YEAR AVOIDED GENERATING COST	776.56	$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	149.48	$/kW
(6) BASE YEAR DISTRIBUTION COST	39.32	$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8) GENERATOR FIXED O & M COST	109.68	$/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	1.14	$/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	4.69	CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	8.70	%**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES $(000)	(2) UTILITY INCENTIVES $(000)	(3) OTHER UTILITY COSTS $(000)	(4) TOTAL UTILITY PROGRAM COSTS $(000)	(5) ENERGY CHARGE REVENUE LOSSES $(000)	(6) DEMAND CHARGE REVENUE LOSSES $(000)	(7) PARTICIPANT EQUIPMENT COSTS $(000)	(8) PARTICIPANT O&M COSTS $(000)	(9) OTHER PARTICIPANT COSTS $(000)	(10) TOTAL PARTICIPANT COSTS $(000)
2012	4	23	0	27	20	8	153	0	0	153
2013	0	0	0	0	38	18	0	0	0	0
2014	0	0	0	0	40	18	0	0	0	0
2015	0	0	0	0	40	18	0	0	0	0
2016	0	0	0	0	41	17	0	0	0	0
2017	0	0	0	0	47	19	0	0	0	0
2018	0	0	0	0	57	19	0	0	0	0
2019	0	0	0	0	60	20	0	0	0	0
2020	0	0	0	0	62	21	0	0	0	0
2021	0	0	0	0	65	22	0	0	0	0
2022	0	0	0	0	68	22	0	0	0	0
2023	0	0	0	0	68	23	0	0	0	0
2024	0	0	0	0	72	22	0	0	0	0
2025	0	0	0	0	76	22	0	0	0	0
2026	0	0	0	0	77	22	0	0	0	0
2027	6	23	0	29	80	22	222	0	0	222
2028	0	0	0	0	82	22	0	0	0	0
2029	0	0	0	0	84	22	0	0	0	0
2030	0	0	0	0	87	22	0	0	0	0
2031	0	0	0	0	89	22	0	0	0	0
2032	0	0	0	0	94	22	0	0	0	0
2033	0	0	0	0	101	23	0	0	0	0
2034	0	0	0	0	105	23	0	0	0	0
2035	0	0	0	0	108	23	0	0	0	0
2036	0	0	0	0	116	23	0	0	0	0
2037	0	0	0	0	120	23	0	0	0	0
2038	0	0	0	0	123	23	0	0	0	0
2039	0	0	0	0	128	23	0	0	0	0
2040	0	0	0	0	131	23	0	0	0	0
2041	0	0	0	0	136	24	0	0	0	0
2042	8	23	0	31	140	24	322	0	0	322
2043	0	0	0	0	145	24	0	0	0	0
2044	0	0	0	0	151	24	0	0	0	0
2045	0	0	0	0	158	24	0	0	0	0
2046	0	0	0	0	164	25	0	0	0	0
2047	0	0	0	0	172	25	0	0	0	0
2048	0	0	0	0	179	25	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	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	18	68	0	86	3,522	803	698	0	0	698
NPV	7	33	0	40	927	270	270	0	0	270

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: [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)
2019	147	3	0	9	5	3	0	5	0	25	25	25	144
2020	141	3	0	8	3	3	0	5	2	24	23	48	148
2021	134	3	0	8	3	2	0	5	2	23	20	68	152
2022	128	3	0	8	3	2	0	5	2	23	18	86	156
2023	121	3	0	7	3	2	0	5	1	22	16	103	159
2024	115	3	0	7	3	2	0	5	1	21	15	118	163
2025	109	2	0	6	3	2	0	5	1	20	13	131	167
2026	103	2	0	6	3	2	0	5	1	19	12	143	172
2027	98	2	0	6	3	2	0	5	1	19	11	153	176
2028	92	2	0	5	3	2	0	5	1	18	9	163	180
2029	87	2	0	5	3	2	0	5	1	17	8	171	185
2030	81	2	0	5	2	2	0	5	1	16	8	179	189
2031	76	2	0	4	2	2	0	5	1	16	7	185	194
2032	70	2	0	4	2	1	0	5	1	15	6	191	199
2033	65	1	0	4	2	1	0	5	1	14	5	197	204
2034	59	1	0	4	2	1	0	5	1	13	5	201	209
2035	54	1	0	3	1	1	0	5	1	13	4	205	214
2036	48	1	0	3	1	1	0	5	1	12	4	209	220
2037	43	1	0	3	1	1	0	5	1	11	3	212	225
2038	37	1	0	2	1	1	0	5	1	10	3	215	231
2039	32	1	0	2	2	1	0	5	(1)	10	2	217	237
2040	28	1	0	2	3	1	0	5	(2)	9	2	219	243
2041	24	1	0	1	3	1	0	5	(2)	9	2	221	249
2042	21	0	0	1	3	1	0	5	(2)	8	2	223	255
2043	18	0	0	1	3	0	0	5	(2)	8	1	224	261
2044	15	0	0	1	2	0	0	5	(2)	7	1	225	268
2045	12	0	0	1	2	0	0	5	(2)	7	1	226	274
2046	9	0	0	1	2	0	0	5	(2)	6	1	227	281
2047	6	0	0	0	2	0	0	5	(2)	6	1	228	288
2048	3	0	0	0	2	0	0	5	(2)	5	1	229	296

IN SERVICE COST ($000)	144
IN SERVICE YEAR	2019
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%	5.50	%
P/S	0%	0.00	%
C/S	59%	10.00	%

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

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	ACCUMULATED TAX DEPRECIATION $(000)	BOOK DEPRECIATION $(000)	ACCUMULATED BOOK DEPRECIATION $(000)	BOOK DEPRECIATION FOR DEFERRED TAX $(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX $(000)	DEFERRED TAX DUE TO DEPRECIATION $(000)	TOTAL EQUITY AFUDC $(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE $(000)	SALVAGE TAX RATE $(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) $(000)	ACCUMULATED DEFERRED TAX $(000)
2019	3.75%	5	5	5	5	5	5	0	8	0	0	0	0	(2)
2020	7.22%	10	16	5	10	5	9	2	8	0	0	0	2	0
2021	6.68%	9	25	5	14	5	14	2	8	0	0	0	2	2
2022	6.18%	9	34	5	19	5	18	2	8	0	0	0	2	4
2023	5.71%	8	42	5	24	5	23	1	8	0	0	0	1	5
2024	5.29%	8	50	5	29	5	27	1	8	0	0	0	1	6
2025	4.89%	7	56	5	34	5	32	1	8	0	0	0	1	7
2026	4.52%	6	63	5	39	5	36	1	8	0	0	0	1	8
2027	4.46%	6	69	5	43	5	41	1	8	0	0	0	1	9
2028	4.46%	6	76	5	48	5	46	1	8	0	0	0	1	9
2029	4.46%	6	82	5	53	5	50	1	8	0	0	0	1	10
2030	4.46%	6	88	5	58	5	55	1	8	0	0	0	1	11
2031	4.46%	6	95	5	63	5	59	1	8	0	0	0	1	12
2032	4.46%	6	101	5	67	5	64	1	8	0	0	0	1	12
2033	4.46%	6	107	5	72	5	68	1	8	0	0	0	1	13
2034	4.46%	6	114	5	77	5	73	1	8	0	0	0	1	14
2035	4.46%	6	120	5	82	5	77	1	8	0	0	0	1	14
2036	4.46%	6	126	5	87	5	82	1	8	0	0	0	1	15
2037	4.46%	6	133	5	91	5	87	1	8	0	0	0	1	16
2038	4.46%	6	139	5	96	5	91	1	8	0	0	0	1	16
2039	2.23%	3	142	5	101	5	96	(1)	8	0	0	0	(1)	16
2040	0.00%	0	142	5	106	5	100	(2)	8	0	0	0	(2)	14
2041	0.00%	0	142	5	111	5	105	(2)	8	0	0	0	(2)	12
2042	0.00%	0	142	5	116	5	109	(2)	8	0	0	0	(2)	11
2043	0.00%	0	142	5	120	5	114	(2)	8	0	0	0	(2)	9
2044	0.00%	0	142	5	125	5	118	(2)	8	0	0	0	(2)	7
2045	0.00%	0	142	5	130	5	123	(2)	8	0	0	0	(2)	5
2046	0.00%	0	142	5	135	5	128	(2)	8	0	0	0	(2)	4
2047	0.00%	0	142	5	140	5	132	(2)	8	0	0	0	(2)	2
2048	0.00%	0	142	5	144	5	137	(2)	8	0	0	0	(2)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(2)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	8
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	5	0	140	5	(2)	147	141	144
2020	7.22%	10	2	135	10	0	141	134	138
2021	6.68%	9	2	130	14	2	134	128	131
2022	6.18%	9	2	125	19	4	128	121	124
2023	5.71%	8	1	120	24	5	121	115	118
2024	5.29%	8	1	116	29	6	115	109	112
2025	4.89%	7	1	111	34	7	109	103	106
2026	4.52%	6	1	106	39	8	103	98	101
2027	4.46%	6	1	101	43	9	98	92	95
2028	4.46%	6	1	96	48	9	92	87	90
2029	4.46%	6	1	91	53	10	87	81	84
2030	4.46%	6	1	87	58	11	81	76	79
2031	4.46%	6	1	82	63	12	76	70	73
2032	4.46%	6	1	77	67	12	70	65	68
2033	4.46%	6	1	72	72	13	65	59	62
2034	4.46%	6	1	67	77	14	59	54	57
2035	4.46%	6	1	63	82	14	54	48	51
2036	4.46%	6	1	58	87	15	48	43	46
2037	4.46%	6	1	53	91	16	43	37	40
2038	4.46%	6	1	48	96	16	37	32	35
2039	2.23%	3	(1)	43	101	16	32	28	30
2040	0.00%	0	(2)	39	106	14	28	24	26
2041	0.00%	0	(2)	34	111	12	24	21	23
2042	0.00%	0	(2)	29	116	11	21	18	20
2043	0.00%	0	(2)	24	120	9	18	15	17
2044	0.00%	0	(2)	19	125	7	15	12	14
2045	0.00%	0	(2)	14	130	5	12	9	11
2046	0.00%	0	(2)	10	135	4	9	6	8
2047	0.00%	0	(2)	5	140	2	6	3	5
2048	0.00%	0	(2)	0	144	0	3	0	2

*** Column not specified in workbook**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
YEAR	NO.YEARS BEFORE IN-SERVICE	PLANT ESCALATION RATE	CUMULATIVE ESCALATION FACTOR	YEARLY EXPENDITURE (%)	ANNUAL SPENDING ($/kW)	CUMULATIVE AVERAGE SPENDING ($/kW)
2012	-7	0.00%	1.000	0.00%	0.00	0.00
2013	-6	3.00%	1.030	0.00%	0.00	0.00
2014	-5	3.00%	1.061	0.10%	0.80	0.40
2015	-4	3.00%	1.093	0.35%	2.93	2.26
2016	-3	3.00%	1.126	12.48%	109.06	58.26
2017	-2	3.00%	1.159	52.89%	476.14	350.86
2018	-1	3.00%	1.194	34.19%	317.03	747.44
				100.00%	905.96	

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 ($/kW)	(10) INCREMENTAL YEAR-END BOOK VALUE ($/kW)	(11) CUMULATIVE YEAR-END BOOK VALUE ($/kW)
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	-5	0.40	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.82	0.82
2015	-4	2.29	0.05	0.06	0.15	0.18	0.13	0.15	(0.03)	(0.03)	3.09	3.91
2016	-3	58.44	1.32	1.38	3.91	4.09	3.21	3.36	(0.73)	(0.76)	112.97	116.88
2017	-2	354.95	8.00	9.38	23.79	27.88	19.48	22.84	(4.43)	(5.19)	499.94	616.81
2018	-1	775.33	17.55	26.93	52.21	80.09	42.37	65.21	(9.57)	(14.77)	369.24	986.05
				26.93		80.09		65.21		(14.77)		986.05

IN SERVICE YEAR	2019
PLANT COSTS	776.5619202
AFUDC RATE	6.69%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	133	133	133
EQUITY AFUDC	8		
DEBT AFUDC	4	4	
CPI			10
TOTAL	144	137	142

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2012	1	1	3.24	5.86	3.24	0.00	1.00	1.00
2013	1	1	3.53	5.33	3.53	0.00	1.00	1.00
2014	1	1	3.71	5.83	3.71	0.00	1.00	1.00
2015	1	1	3.95	5.76	3.95	0.00	1.00	1.00
2016	1	1	4.36	6.11	4.36	0.00	1.00	1.00
2017	1	1	4.72	7.23	4.72	0.00	1.00	1.00
2018	1	1	5.06	8.04	5.06	0.00	1.00	1.00
2019	1	1	5.41	9.56	5.41	6.13	1.00	1.00
2020	1	1	5.90	10.73	5.90	6.27	1.00	1.00
2021	1	1	6.25	9.78	6.25	6.60	1.00	1.00
2022	1	1	6.52	10.21	6.52	6.78	1.00	1.00
2023	1	1	6.75	10.13	6.75	7.11	1.00	1.00
2024	1	1	7.29	11.48	7.29	7.70	1.00	1.00
2025	1	1	7.92	13.41	7.92	8.43	1.00	1.00
2026	1	1	8.08	12.93	8.08	8.51	1.00	1.00
2027	1	1	8.28	13.19	8.28	8.62	1.00	1.00
2028	1	1	8.36	13.36	8.36	8.63	1.00	1.00
2029	1	1	8.44	13.52	8.44	8.71	1.00	1.00
2030	1	1	8.58	13.63	8.58	8.83	1.00	1.00
2031	1	1	8.61	13.98	8.61	8.83	1.00	1.00
2032	1	1	8.55	13.62	8.55	8.74	1.00	1.00
2033	1	1	8.75	14.25	8.75	9.01	1.00	1.00
2034	1	1	8.80	14.32	8.80	9.06	1.00	1.00
2035	1	1	8.77	13.48	8.77	9.06	1.00	1.00
2036	1	1	8.97	14.82	8.97	9.29	1.00	1.00
2037	1	1	8.95	13.75	8.95	9.32	1.00	1.00
2038	1	1	9.03	13.85	9.03	9.42	1.00	1.00
2039	1	1	9.17	14.30	9.17	9.56	1.00	1.00
2040	1	1	9.20	13.71	9.20	9.63	1.00	1.00
2041	1	1	9.31	14.11	9.31	9.83	1.00	1.00
2042	1	1	9.47	14.58	9.47	10.07	1.00	1.00
2043	1	1	9.55	13.74	9.55	10.20	1.00	1.00
2044	1	1	9.64	14.30	9.64	10.38	1.00	1.00
2045	1	1	9.75	14.22	9.75	10.55	1.00	1.00
2046	1	1	9.85	13.95	9.85	10.70	1.00	1.00
2047	1	1	9.98	13.77	9.98	10.87	1.00	1.00
2048	1	1	10.14	14.28	10.14	11.09	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
	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.

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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	25	19	0	33	43	34
2020	24	20	1	62	76	31
2021	23	20	1	66	80	31
2022	23	21	1	70	81	34
2023	22	21	1	73	82	35
2024	21	22	1	77	88	33
2025	20	22	1	83	97	29
2026	19	23	1	86	100	29
2027	19	23	1	90	103	29
2028	18	24	1	91	104	30
2029	17	24	1	93	105	31
2030	16	25	1	95	107	31
2031	16	26	1	97	107	32
2032	15	26	1	99	106	35
2033	14	27	1	101	110	33
2034	13	28	1	103	110	35
2035	13	28	1	105	111	36
2036	12	29	1	107	114	35
2037	11	30	1	109	114	37
2038	10	31	1	111	115	38
2039	10	31	1	113	117	38
2040	9	32	1	115	118	40
2041	9	33	1	117	120	39
2042	8	34	2	119	123	39
2043	8	35	2	121	125	40
2044	7	35	2	123	127	40
2045	7	36	2	125	129	41
2046	6	37	2	128	131	42
2047	6	38	2	130	133	43
2048	5	39	2	132	136	43
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	427	838	37	2,973	3,210	1,065
NPV	140	195	8	679	757	265

AVOIDED T&D AND PROGRAM FUEL SAVINGS

PROGRAM METHOD SELECTED: REV_REQ

PROGRAM NAME : [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2012	0	0	0	0	0	0	30	0
2013	4	0	4	1	0	1	53	0
2014	4	1	4	1	0	1	58	0
2015	3	1	4	1	0	1	57	0
2016	3	1	4	1	0	1	60	0
2017	3	1	4	1	0	1	72	0
2018	3	1	4	1	0	1	80	0
2019	3	1	4	1	0	1	96	0
2020	3	1	3	1	0	1	108	0
2021	3	1	3	1	0	1	97	0
2022	3	1	3	1	0	1	102	0
2023	3	1	3	1	0	1	100	0
2024	2	1	3	0	0	1	114	0
2025	2	1	3	0	0	1	135	0
2026	2	1	3	0	0	1	129	0
2027	2	1	3	0	0	1	131	0
2028	2	1	3	0	0	1	133	0
2029	2	1	3	0	0	1	135	0
2030	2	1	3	0	0	1	136	0
2031	2	1	3	0	0	1	140	0
2032	2	1	2	0	0	1	136	0
2033	2	1	2	0	0	0	142	0
2034	2	1	2	0	0	0	143	0
2035	1	1	2	0	0	0	134	0
2036	1	1	2	0	0	0	148	0
2037	1	1	2	0	0	0	136	0
2038	1	1	2	0	0	0	137	0
2039	1	1	2	0	0	0	142	0
2040	1	1	2	0	0	0	135	0
2041	1	1	2	0	0	0	140	0
2042	1	1	2	0	0	0	145	0
2043	1	1	2	0	0	0	135	0
2044	1	1	2	0	0	0	141	0
2045	1	1	2	0	0	0	140	0
2046	1	1	2	0	0	0	137	0
2047	1	1	2	0	0	0	135	0
2048	1	1	2	0	0	0	140	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	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.	72	28	100	13	7	20	4,332	0
NPV	32	8	41	6	2	9	1,297	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

	(2)	(3)	(4)	(5)	(6)
YEAR	AVOIDED GEN UNIT EMISSION BENEFIT $(000)	REPLACEMENT EMISSION COST $(000)	PROGRAM EMISSION BENEFIT $(000)	OFF-PEAK EMISSION PAYBACK COST $(000)	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	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	4	5	4	0	3
2024	4	6	5	0	4
2025	5	6	6	0	4
2026	6	7	7	0	5
2027	7	9	8	0	6
2028	8	10	8	0	6
2029	9	11	9	0	7
2030	10	13	11	0	8
2031	11	14	12	0	9
2032	13	16	13	0	9
2033	14	19	15	0	11
2034	16	21	17	0	12
2035	18	23	18	0	13
2036	20	26	21	0	15
2037	22	29	22	0	16
2038	24	32	25	0	17
2039	27	35	27	0	19
2040	30	39	30	0	21
2041	33	43	33	0	23
2042	36	47	36	0	25
2043	40	52	40	0	28
2044	43	56	43	0	30
2045	47	62	47	0	33
2046	52	67	51	0	36
2047	56	73	56	0	39
2048	61	79	60	0	42
	0	0	0	0	0
	0	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	614	801	630	0	443
NPV	90	118	97	0	70

SCHEDULE CT-6

PSC FORM CE 2.3

PAGE 1 OF 1

TOTAL RESOURCE COST TEST

PROGRAM METHOD SELECTED: REV_REQ

PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2012	0	4	153	0	157	0	0	30	0	30	(128)	(128)
2013	0	0	0	0	0	0	5	53	1	58	58	(73)
2014	0	0	0	0	0	0	5	58	1	64	64	(18)
2015	0	0	0	0	0	0	5	57	1	62	62	32
2016	0	0	0	0	0	0	5	60	0	65	65	81
2017	0	0	0	0	0	0	5	72	0	77	77	135
2018	0	0	0	0	0	0	4	80	0	85	85	191
2019	0	0	0	0	0	34	4	96	0	135	135	274
2020	0	0	0	0	0	31	4	108	0	144	144	355
2021	0	0	0	0	0	31	4	97	0	133	133	426
2022	0	0	0	0	0	34	4	102	0	139	139	495
2023	0	0	0	0	0	35	4	100	3	142	142	560
2024	0	0	0	0	0	33	4	114	4	155	155	627
2025	0	0	0	0	0	29	4	135	4	172	172	696
2026	0	0	0	0	0	29	4	129	5	167	167	758
2027	0	6	222	0	228	29	3	131	6	169	(59)	737
2028	0	0	0	0	0	30	3	133	6	173	173	793
2029	0	0	0	0	0	31	3	135	7	176	176	846
2030	0	0	0	0	0	31	3	136	8	177	177	896
2031	0	0	0	0	0	32	3	140	9	184	184	945
2032	0	0	0	0	0	35	3	136	9	183	183	990
2033	0	0	0	0	0	33	3	142	11	189	189	1,033
2034	0	0	0	0	0	35	3	143	12	192	192	1,074
2035	0	0	0	0	0	36	3	134	13	186	186	1,110
2036	0	0	0	0	0	35	3	148	15	201	201	1,148
2037	0	0	0	0	0	37	3	136	16	192	192	1,180
2038	0	0	0	0	0	38	3	137	17	195	195	1,212
2039	0	0	0	0	0	38	3	142	19	202	202	1,242
2040	0	0	0	0	0	40	3	135	21	198	198	1,270
2041	0	0	0	0	0	39	3	140	23	205	205	1,296
2042	0	8	322	0	330	39	3	145	25	212	(119)	1,282
2043	0	0	0	0	0	40	2	135	28	205	205	1,305
2044	0	0	0	0	0	40	2	141	30	214	214	1,328
2045	0	0	0	0	0	41	2	140	33	216	216	1,349
2046	0	0	0	0	0	42	2	137	36	217	217	1,369
2047	0	0	0	0	0	43	2	135	39	218	218	1,387
2048	0	0	0	0	0	43	2	140	42	227	227	1,405
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	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	698	0	716	1,065	120	4,332	443	5,960	5,244	
NPV	0	7	270	0	277	265	49	1,297	70	1,682	1,405	

Discount Rate: 7.29 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **6.08**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O&M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2012	32	0	23	0	54	153	0	0	153	(99)	(99)
2013	64	0	0	0	64	0	0	0	0	64	(40)
2014	66	0	0	0	66	0	0	0	0	66	17
2015	67	0	0	0	67	0	0	0	0	67	71
2016	66	0	0	0	66	0	0	0	0	66	121
2017	75	0	0	0	75	0	0	0	0	75	174
2018	88	0	0	0	88	0	0	0	0	88	231
2019	92	0	0	0	92	0	0	0	0	92	287
2020	96	0	0	0	96	0	0	0	0	96	342
2021	101	0	0	0	101	0	0	0	0	101	395
2022	104	0	0	0	104	0	0	0	0	104	447
2023	105	0	0	0	105	0	0	0	0	105	495
2024	109	0	0	0	109	0	0	0	0	109	542
2025	113	0	0	0	113	0	0	0	0	113	588
2026	115	0	0	0	115	0	0	0	0	115	631
2027	118	0	23	0	141	222	0	0	222	(81)	602
2028	121	0	0	0	121	0	0	0	0	121	642
2029	123	0	0	0	123	0	0	0	0	123	679
2030	127	0	0	0	127	0	0	0	0	127	714
2031	130	0	0	0	130	0	0	0	0	130	749
2032	135	0	0	0	135	0	0	0	0	135	782
2033	145	0	0	0	145	0	0	0	0	145	815
2034	150	0	0	0	150	0	0	0	0	150	847
2035	153	0	0	0	153	0	0	0	0	153	877
2036	163	0	0	0	163	0	0	0	0	163	907
2037	167	0	0	0	167	0	0	0	0	167	936
2038	171	0	0	0	171	0	0	0	0	171	963
2039	177	0	0	0	177	0	0	0	0	177	990
2040	182	0	0	0	182	0	0	0	0	182	1,015
2041	187	0	0	0	187	0	0	0	0	187	1,039
2042	193	0	23	0	215	322	0	0	322	(107)	1,026
2043	198	0	0	0	198	0	0	0	0	198	1,049
2044	206	0	0	0	206	0	0	0	0	206	1,070
2045	214	0	0	0	214	0	0	0	0	214	1,091
2046	223	0	0	0	223	0	0	0	0	223	1,112
2047	231	0	0	0	231	0	0	0	0	231	1,131
2048	241	0	0	0	241	0	0	0	0	241	1,150
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
NOM	5,046	0	68	0	5,114	698	0	0	698	4,417	
NPV	1,387	0	33	0	1,420	270	0	0	270	1,150	

In Service of Gen Unit: 2019
Discount Rate : 7.29 %
Benefit/Cost Ratio (Col(6) / Col(10)) **5.27**

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [redacted]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT & FUEL BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2012	0	4	23	28	0	54	30	0	0	0	30	(24)	(24)
2013	0	0	0	56	0	56	53	5	0	1	58	3	(22)
2014	0	0	0	58	0	58	58	5	0	1	64	6	(17)
2015	0	0	0	58	0	58	57	5	0	1	62	4	(14)
2016	0	0	0	58	0	58	60	5	0	0	65	7	(9)
2017	0	0	0	65	0	65	72	5	0	0	77	11	(1)
2018	0	0	0	76	0	76	80	4	0	0	85	9	5
2019	0	0	0	80	0	80	131	4	0	0	135	56	39
2020	0	0	0	83	0	83	139	4	0	0	144	61	74
2021	0	0	0	87	0	87	128	4	0	0	133	45	98
2022	0	0	0	90	0	90	135	4	0	0	139	49	122
2023	0	0	0	91	0	91	135	4	0	3	142	51	146
2024	0	0	0	95	0	95	147	4	0	4	155	60	171
2025	0	0	0	98	0	98	164	4	0	4	172	74	201
2026	0	0	0	99	0	99	158	4	0	5	167	67	226
2027	0	6	23	102	0	131	160	3	0	6	169	39	240
2028	0	0	0	104	0	104	163	3	0	6	173	69	262
2029	0	0	0	106	0	106	166	3	0	7	176	70	283
2030	0	0	0	109	0	109	167	3	0	8	177	68	303
2031	0	0	0	112	0	112	172	3	0	9	184	72	321
2032	0	0	0	116	0	116	171	3	0	9	183	67	338
2033	0	0	0	124	0	124	176	3	0	11	189	65	353
2034	0	0	0	129	0	129	178	3	0	12	192	64	366
2035	0	0	0	131	0	131	170	3	0	13	186	55	377
2036	0	0	0	139	0	139	184	3	0	15	201	62	389
2037	0	0	0	143	0	143	173	3	0	16	192	49	397
2038	0	0	0	146	0	146	175	3	0	17	195	49	405
2039	0	0	0	151	0	151	180	3	0	19	202	51	413
2040	0	0	0	155	0	155	175	3	0	21	198	44	419
2041	0	0	0	159	0	159	179	3	0	23	205	46	425
2042	0	8	23	164	0	195	184	3	0	25	212	17	427
2043	0	0	0	169	0	169	175	2	0	28	205	37	431
2044	0	0	0	175	0	175	182	2	0	30	214	39	435
2045	0	0	0	182	0	182	181	2	0	33	216	34	438
2046	0	0	0	189	0	189	179	2	0	36	217	28	441
2047	0	0	0	196	0	196	177	2	0	39	218	22	443
2048	0	0	0	204	0	204	183	2	0	42	227	23	445
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	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	68	4,325	0	4,411	5,396	120	0	443	5,960	1,548	
NPV	0	7	33	1,197	0	1,237	1,563	49	0	70	1,682	445	

Discount Rate 7.29 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **1.36**

Appendix A

Businesss HVAC - DX Savings associated with a typical Small GSD Customer

EER	10	Existing Unit
EER	12	Proposed Unit
KW/Ton	1.2	kW/Ton for Existing Unit
KW/Ton	1	kW/Ton for Proposed Unit
KW Savings/Ton	0.2	

Demand	10	Tons A/C Rooftop
	75%	Diversity Demand
	10	Months Cooling Operation
	10.9	$/kWd
Demand Bill Savings	**$164**	

Energy	10	Tons A/C Rooftop
	60%	Diversity Energy
	3,869	Hours of Operation
	0.1	$/kWh
Energy Savings	**$233**	

Business HVAC - DX Savings	**$398**

Business Load Control Program		
10 ton packaged rooftop unit	10	Tons
$2/Ton per month	$20	Per month ($2 x 10 tons)
7 months/year (program availabble)	$140	**Savings** ($20/month X 7 Months)

Business Load Control Savings	**$140**

Total Savings	**$538**

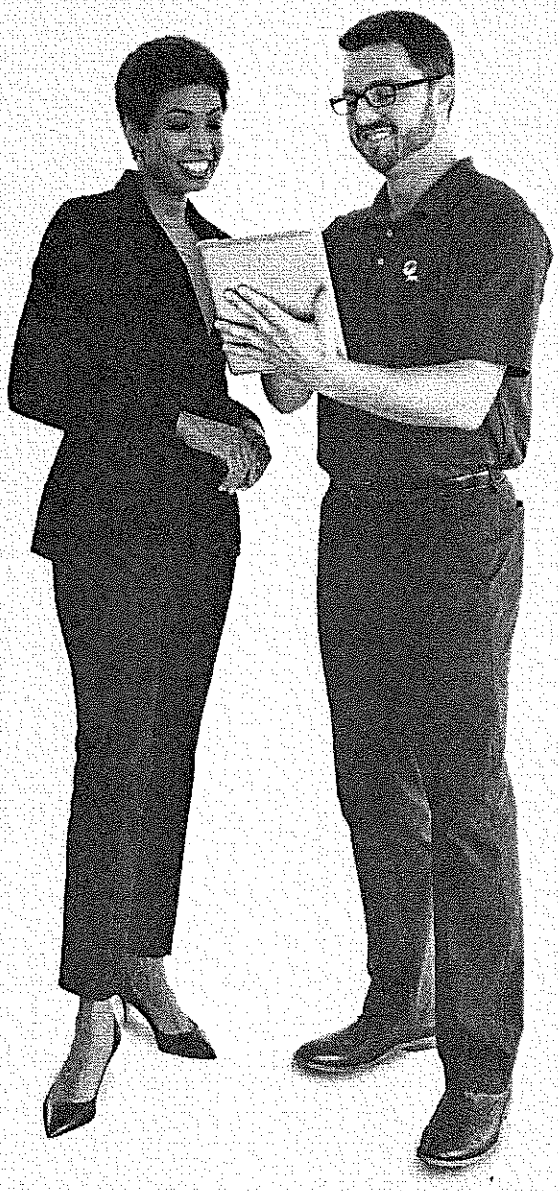
Just click to stir up energy savings for your business.



Together, we can find new ways to save energy and make your bill even lower. Schedule your free Business Energy Evaluation today. Go to **FPL.com/EasyToSave** and just click to get started.

CHANGING THE CURRENT. FPL.

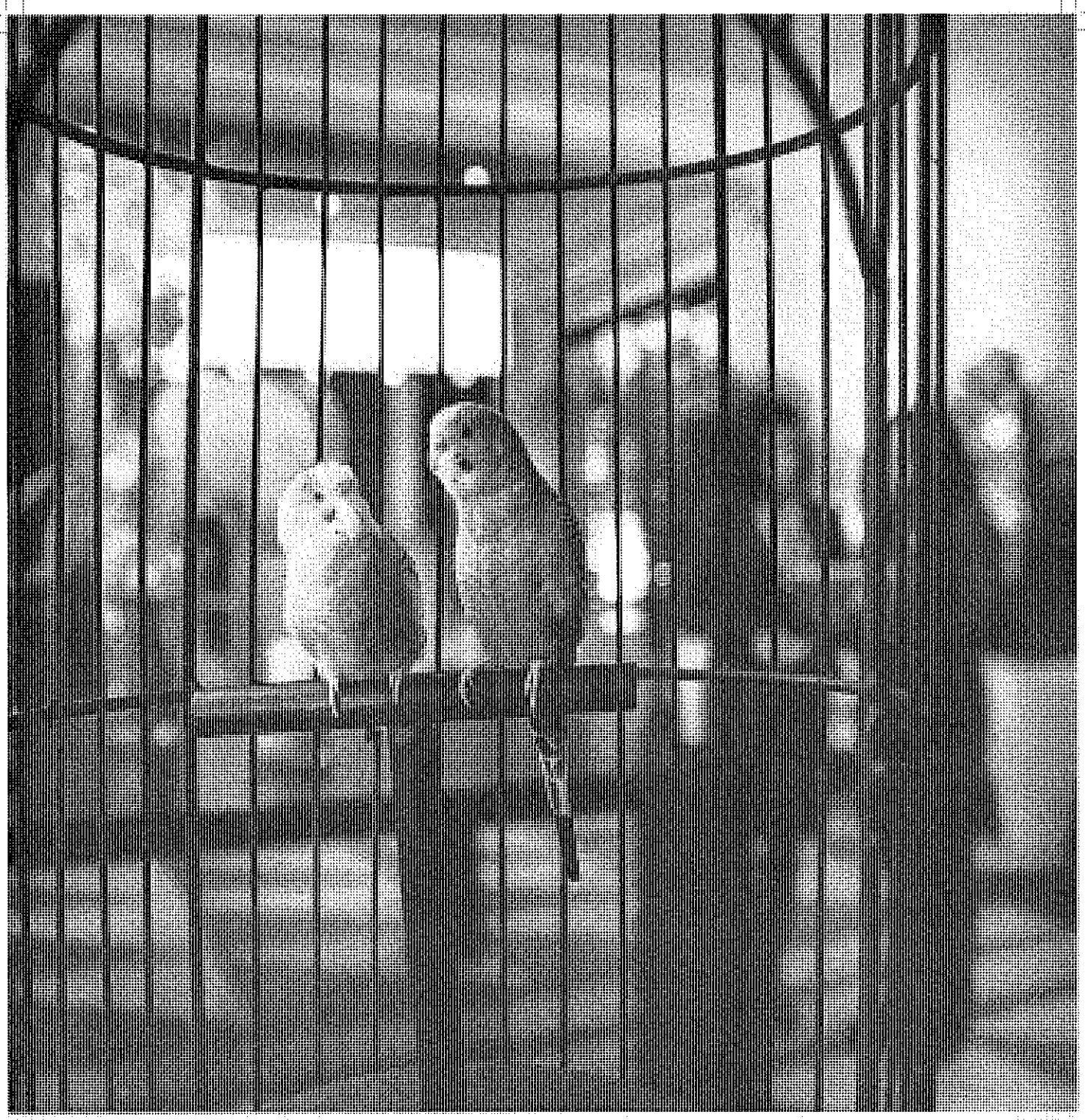
Just click to find energy savings at your business.



SCHEDULE A
FREE EVALUATION

Together, we can find new ways to save energy and make your bill even lower. Schedule your free Business Energy Evaluation today. Go to **FPL.com/EasyToSave** and just click to get started.

CHANGING THE CURRENT. FPL.



Open your doors to new ways to save on energy.

Change the current way you use energy and save up to $500 a year with FPL's free Business Energy Evaluation. Learn how you can make your bill even lower at **FPL.com/PetProject**

CHANGING THE CURRENT. FPL.

Measures associated with savings of up to $250

Title:	CFL Bulbs Indoor
FPL tip:	Replace 4 60 Watt standard light bulbs you use 4 hours a day with compact fluorescent light (CFL) bulbs
Assumptions:	60 Watt equivalent CFL bulbs use 15 Watts or less.
	Assume four indoor light bulbs are on at least four hours a day.
Energy Calculation:	(60-15/60) = 75%
Annual Energy savings:	**75%**
Calculation:	4 x (60-15)Watts / 1,000W/kW x 4h/day x 365day/year x 0.10$/kWh = $26/year
Annual $ savings:	**$26**

Title:	CFL Bulbs Outdoor
FPL tip:	Replace 1 60 Watt standard light bulb you leave on 12 hours a night for security with a CFL bulb
Assumptions:	60 Watt equivalent CFL bulbs use 15 Watts or less.
	Assume 1 outdoor light bulb is on 12 hours a night for security.
Calculation:	1 x (60-15)Watts / 1,000W/kW x 12h/day x 365day/year x 0.10$/kWh = $20/year
Annual $ savings:	**$20**

Title:	Low Flow Showerheads
FPL tip:	You can cut your hot water usage by replacing old showerheads with water-efficient models.
Assumptions:	Replace 3 gallon per minute showerhead with 1.5 gallon per minute model.
	Assume 2 showerhead replacements per home
Annual $ savings:	**$80**
Source:	Energy Efficient Home Study, Quantum Consulting.

Title:	Water Heater Temperature
FPL Tip:	Lower your water heater temperature by 20 degrees. (From 140 degrees to 120 degrees.)
Assumptions:	Based on a 50 gallon water heater with an Energy Factor (EF) of 0.91
Annual kWh saved:	95
Calculation:	95 kWh x $0.10 per kWh = $10/year
Annual $ Saved:	**$10**
Source:	Florida Solar Energy Center, Carlos Colon, Water Heating lab, 2013

Title:	Ceiling Fans
FPL Tip:	Be sure to turn off the fan when leaving a room.
	Turning off a ceiling fan from running all the time will result in energy savings.
Assumptions:	95 Watts on high speed 24 hours a day
Calculation:	0.095kW x 730h/month x $0.10/kWh = $7/month X 12 months = $84
Annual $ Saved:	**$84**
Source:	Florida Solar Energy Center fan Wattage chart

Title:	Wash Clothes in Cold Water
FPL Tip:	When using your washing machine, use cold water instead of hot water.
Assumptions:	Based on the energy to heat the water in a conventional clothes washer
Annual kWh saved:	299
Average $/kWh:	$0.10
Annual $ Saved:	**$30**
Source:	Annual kWh to heat water from Energy Star Calculator - clothes washers 2012

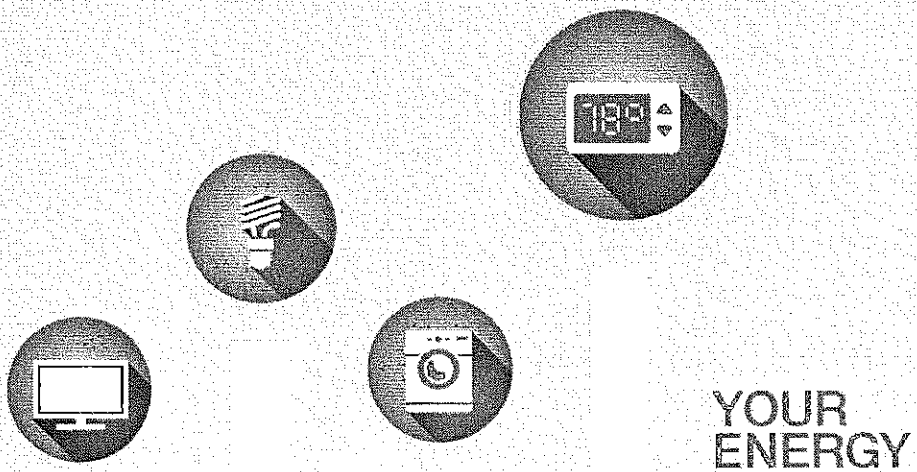
Title:	Power Strips
FPL Tip:	Use a power strip to turn off your desktop computer and accessories when not in use
Assumptions:	Turn off desktop PC, monitor, printer, and speakers after 5 hours
	Desktop with LCD screen 22 Watts in sleep mode, multi-function printer left on 9 Watts, PC speakers left on 4 Watts
Calculation:	(22+9+4)Watts /1000W/kW x 19 hours x 365 days = 242 kWh
Average $/kWh:	$0.10
Annual $ Saved:	**$24**
Source:	E Source Watts by appliance compiled from Lawrence Berkley National Lab plug load table 2012

Total Savings	**$274**

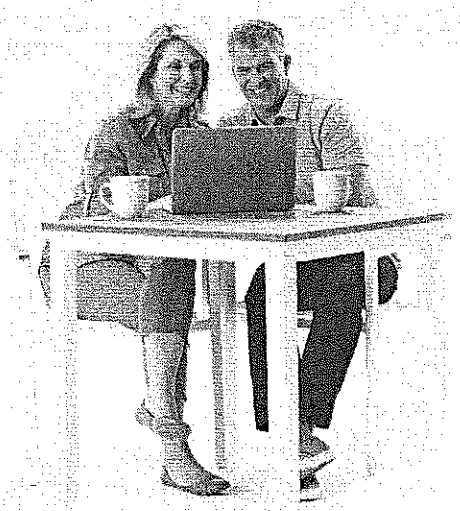
5% Savings for Thermostat Setpoint

76^{o} Thermostat Setting	1,130 kWh Usage
82^{o} Thermostat Setting	827 kWh Usage
% Difference	(828-1,130)/1,130 = -27%
% Savings with 1^{o} increase in setting	(-27%/(82-76=6)) = -4.5%

Just click to cool off your energy bill.



YOUR ENERGY USAGE

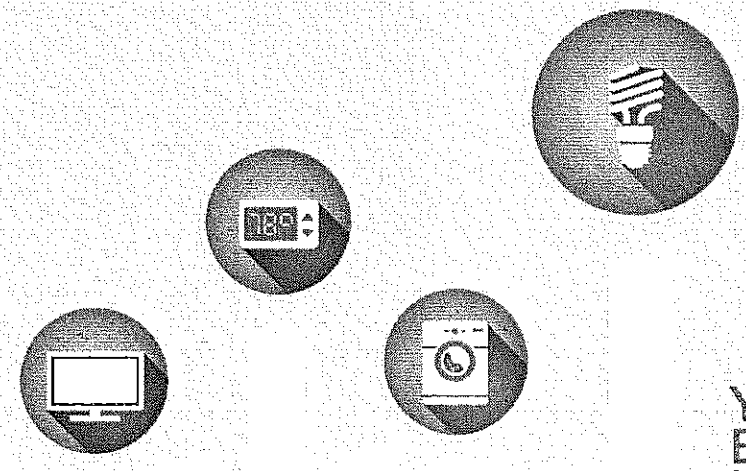


Did you know that raising your thermostat by one degree can save 5% on your home's cooling costs?

Now, it's even easier to see how cooling, heating and other appliances affect your bill each month, and find new ways to help you save up to $250 a year. Go to **FPL.com/EasyToSave** to take the Online Home Energy Survey and make your bill even lower.

CHANGING THE CURRENT. FPL

Just click to see your bill in a new light.



YOUR ENERGY USAGE

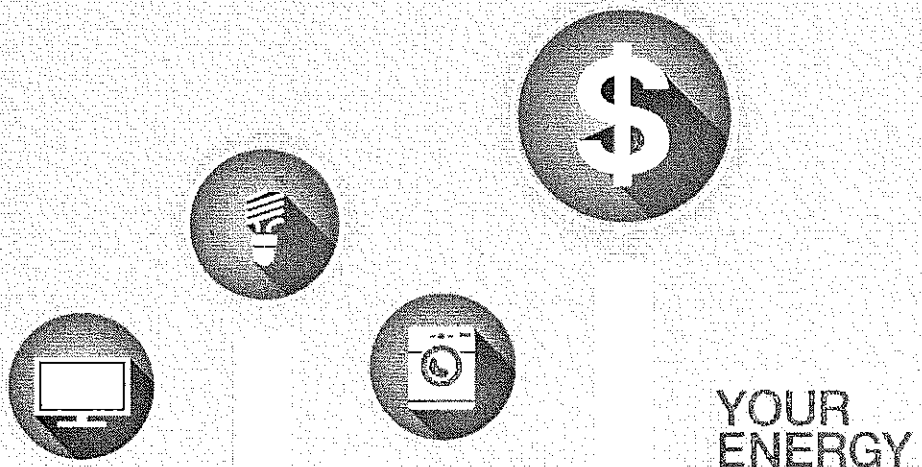


Did you know you can save 75% on lighting costs just by switching to energy-efficient light bulbs?

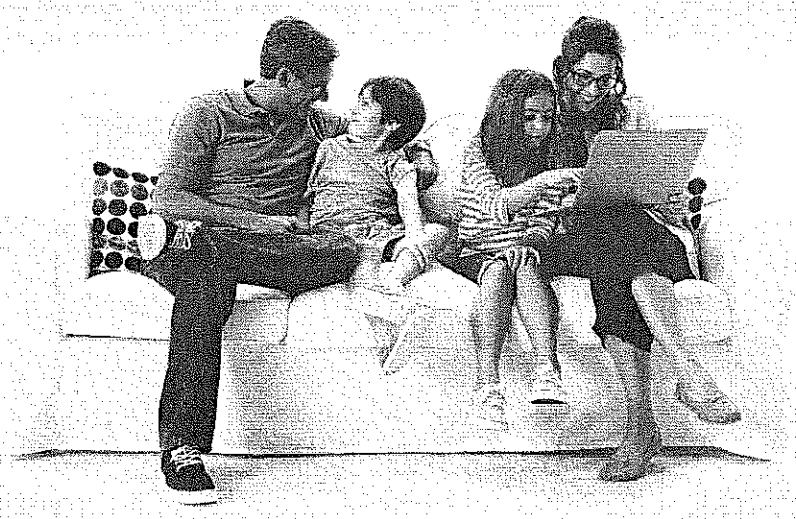
Now, it's even easier to see how much you spend on lighting your home and get recommendations to help you save up to $250 a year. Go to **FPL.com/EasyToSave** to take the Online Home Energy Survey and make your bill even lower.

CHANGING THE CURRENT. FPL

Just click to find personalized savings.

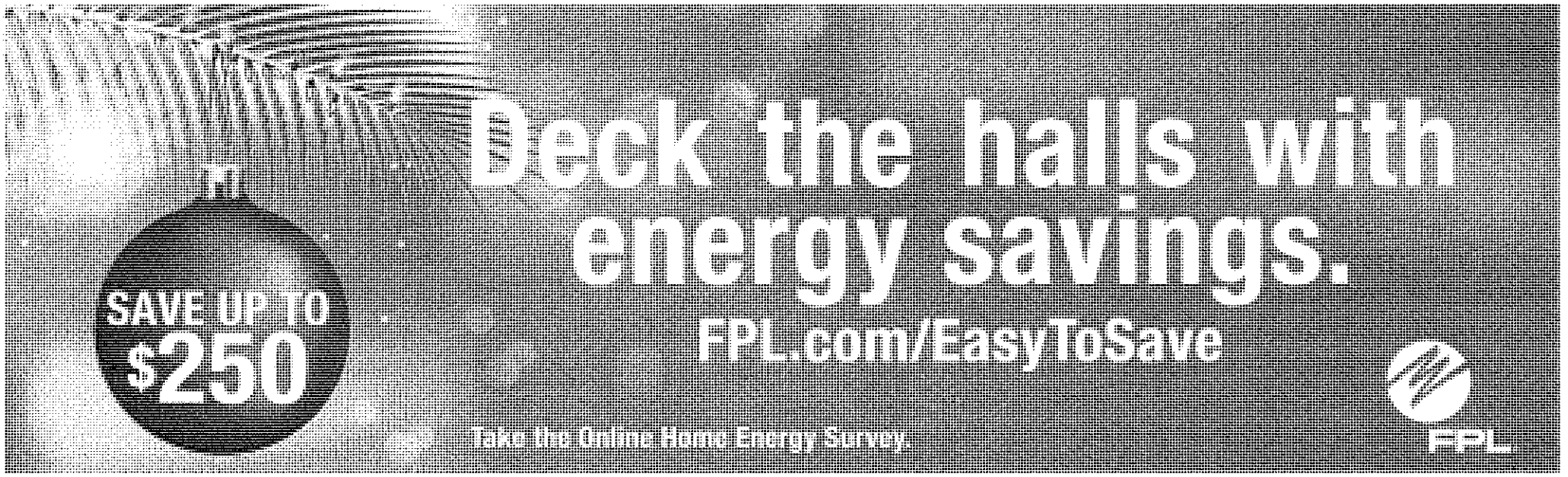


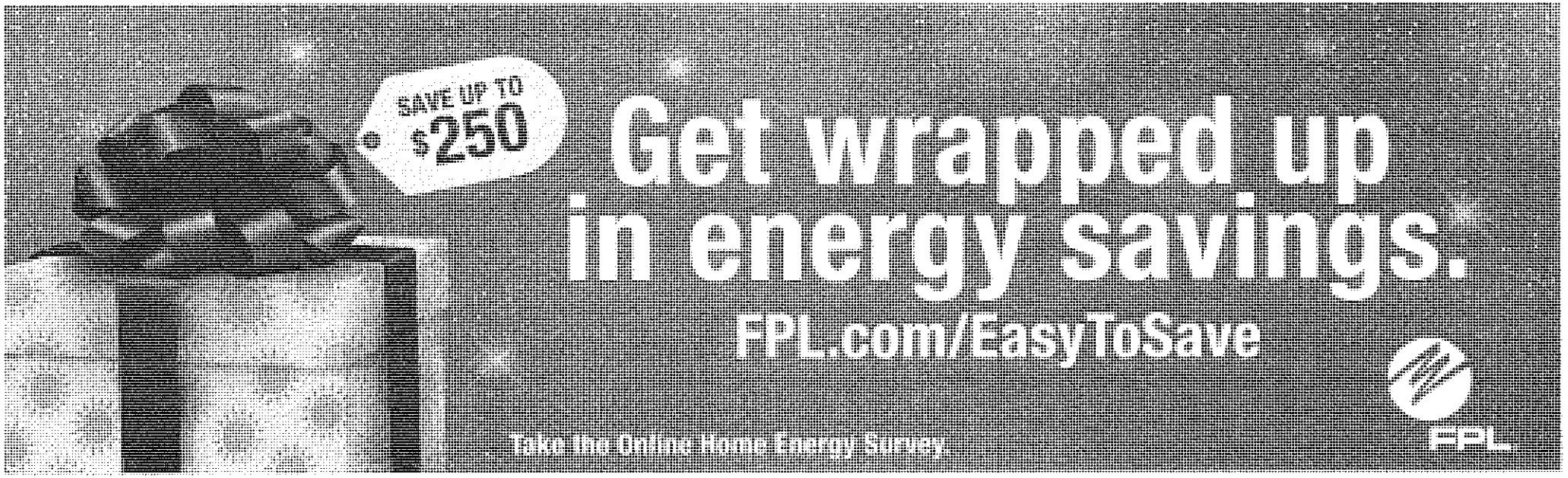
YOUR ENERGY USAGE

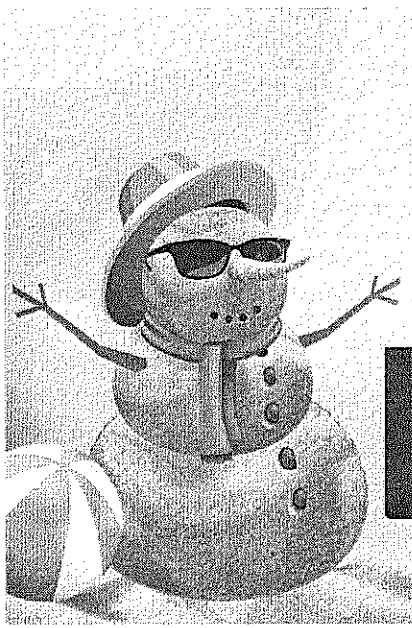


Now, it's even easier to get a detailed analysis of your home's energy use and a personalized plan that can help your family save up to $250 a year. Go to **FPL.com/EasyToSave** to take the Online Home Energy Survey and make your bill even lower.

CHANGING THE CURRENT. FPL


Deck the halls with
energy savings.
SAVE UP TO
$250
FPL.com/EasyToSave
Take the Online Home Energy Survey.
FPL


SAVE UP TO
$250
Get wrapped up
in energy savings.
FPL.com/EasyToSave
Take Time Online. Home Energy Survey.
FPL



SAVE UP TO $250

Make your energy savings come to life.

FPL.com/EasyToSave

Take the Online Home Energy Survey.

FPL.


Shake up the holidays
with energy savings.
FPL.com/EasyToSave
SAVE UP TO
$250
Take the Online Home Energy Survey.
FPL

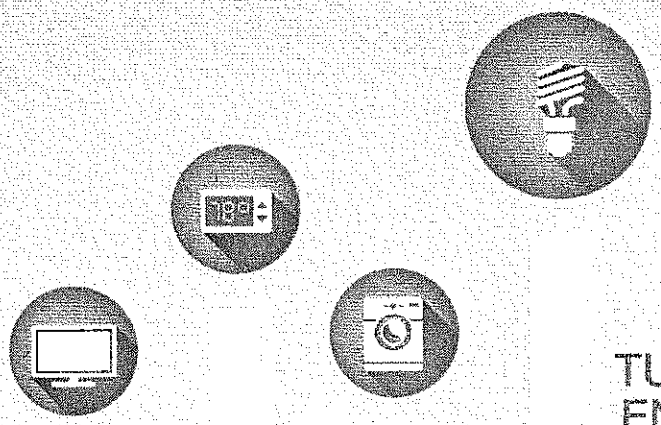
Just click to upgrade your home in style.



It's easy to upgrade your home with a $5,000 Home Energy Makeover. Just click to take the Online Home Energy Survey by September 30, 2014, and you'll be automatically entered to win energy-efficient upgrades that your whole family can enjoy. Go to **FPL.com/EasyToSave** for your chance to win!

CHANGING THE CURRENT. FPL

Haz clic para ver tu cuenta bajo nueva luz.



TU USO DE ENERGÍA

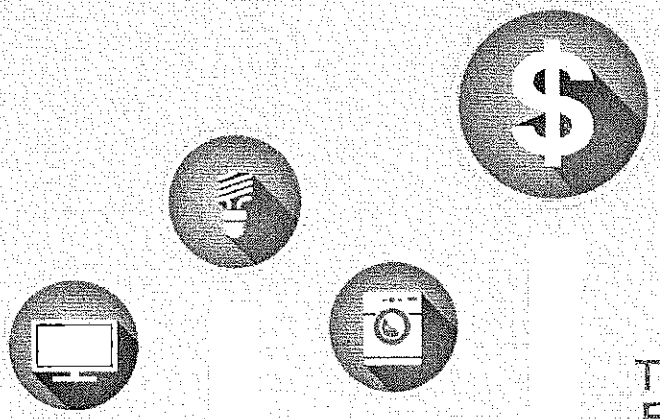


¿Sabías que puedes ahorrar 75% en costos de iluminación solo con reemplazar tus bombillos viejos por bombillos de alta eficiencia energética?

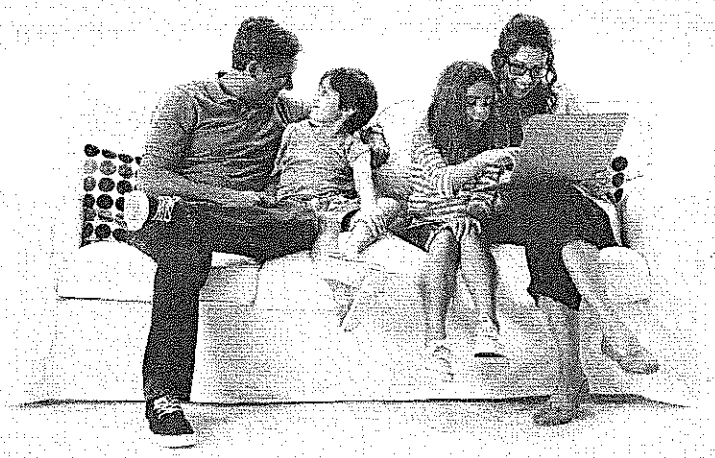
Ahora, es mucho más fácil ver cuánto gastas en iluminar tu hogar y recibir recomendaciones para ayudarte a ahorrar hasta $250 al año. Visita **FPL.com/Ahorros** para completar el Estudio Online Residencial y haz que tu cuenta sea aún más baja.

CAMBIANDO LA CORRIENTE. FPL

Haz clic para encontrar ahorros personalizados.



TU USO DE ENERGÍA



Ahora es fácil obtener un análisis detallado del consumo de energía de tu hogar, y un plan personalizado para ayudar a tu familia a ahorrar hasta $250 al año. Visita **FPL.com/Ahorros** para completar el Estudio Online Residencial y haz que tu cuenta sea aún más baja.

CAMBIANDO LA CORRIENTE. FPL

Haz clic para modernizar tu casa con estilo.



Es fácil modernizar tu casa con $5,000 en renovaciones de energía. Haz clic y completa el Estudio Online Residencial antes del 30 de septiembre del 2014, y quedarás registrado automáticamente en el sorteo para ganar mejoras de eficiencia energética que toda tu familia disfrutará. ¡Visita **FPL.com/Ahorros** y tendrás la oportunidad de ganar!

CAMBIANDO LA CORRIENTE. FPL

HOUSE TO HOME RADIO :30

It's amazing what you can do online with a click these days...

With just a "click" you can turn your new house into a home.

With just a "click" you can bring in bright ideas that light up any room.

And now, you can just "click" to see how you can save up to two hundred and fifty dollars a year on your energy bill.

With FPL's Online Home Energy Survey it's now easier to find personalized ways to save.

Go to FPL dot com slash easy to save and just click to change the current way you use energy and make your bill even lower.

MGSCOMM Radio Scripts

MOVIE NIGHT RADIO :30 OPTION 1
It's amazing what you can do online with a click these days.

With just a click ... you can watch a movie.

With just a click ...you can order dinner.

And now, with just a click, you can save up to two hundred and fifty dollars a year on your energy bill. With FPL's Online Home Energy Survey, it's now easier to fast forward to personalized savings.

Go to FPL dot com slash easy to save and just click...to change the current way you use energy and make your bill even lower.

MOVIE NIGHT RADIO :15
It's amazing what you can do online with a click these days—from ordering dinner to downloading movies, and even saving money on your energy bill. Go to FPL dot com slash easy to save and just click to take the Online Home Energy Survey and make your bill even lower.

:10 TAG
FPL's Online Home Energy Survey makes it easy to save up to two hundred and fifty dollars on your energy bill. Go to FPL dot com slash easy to save and just click to get started!

:05 SECOND TAG
Just "click" to save on your energy bill. Go to FPL dot com slash easy to save today.

MGSCOMM Radio Script

MOVIE NIGHT RADIO :30 – SPANISH

Es increíble lo que puedes hacer con un clic en el Internet.

Con un clic... puedes encontrar la película perfecta para tu familia.

Con un clic...puedes ordenar la cena.

Y ahora con un "clic" puedes ahorrar hasta doscientos cincuenta dólares al año en tu cuenta de energía.

Con el Estudio Online Residencial de FPL ahora es más fácil recibir ahorros personalizados.

Visita FPL.com diagonal Ahorros y con un "clic" haz que tu cuenta sea aún más baja.

MOVIE NIGHT RADIO :15 – SPANISH

Hoy en día, ver películas en familia es fácil con un "clic" en el Internet.

Y ahora con un "clic" puedesahorrar hasta doscientos cincuenta dólares al año en tu cuenta de energía.

¡Visita FPL.com diagonal Ahorros y completa el Estudio Online Residencial!

MGSCOMM TV Script

MOVIE NIGHT TV :30 – SPANISH

Es increíble lo que puedes hacer con un "clic" hoy en día.

Con un "clic" puedes encontrar la película perfecta para tu familia.

Con un "clic" puedes ordenar tu cena favorita.

Y ahora haz "clic" para ahorrar hasta doscientos cincuenta dólares al año en tu cuenta de energía.

Con el Estudio Online Residencial de FPL es más fácil recibir ahorros personalizados.

Visita FPL.com/Ahorros para completar el estudio y haz que tu cuenta sea aún más baja.

MOVIE NIGHT TV :15 – SPANISH

Es increíble lo que puedes hacer con un "clic".

Con un "clic" puedes encontrar la película perfecta.

Y ahora haz clic para encontrar ahorros con el Estudio Online Residencial de FPL.

Visita FPL.com/Ahorros, ¡hoy mismo!

HOUSE TO HOME TV :30 – SPANISH

Es increíble lo que puedes hacer con un "clic" hoy en día.

Con un "clic" puedes seleccionar el color perfecto...al precio correcto.

Con un "clic" puedes hacer tus ideas una realidad...dentro de tu presupuesto.

Y ahora haz "clic" para ahorrar en tu cuenta de energía.

Con el Estudio Online Residencial de FPL...es más fácil ahorrar hasta doscientos cincuenta dólares al año.

Visita FPL.com/Ahorros para completar el estudio y haz que tu cuenta sea aún más baja.

HOUSE TO HOME TV :15 – SPANISH

Con un "clic" puedes seleccionar el color perfecto...al precio correcto.

Y ahora haz "clic" para encontrar ahorros con el Estudio Online Residencial de FPL.

Visita FPL.com/Ahorros, ¡hoy mismo!

MGSCOMM TV Scripts

MOVIE NIGHT TV :30

It's amazing what you can do with a click these days...

Just "click" to make any night family movie night.

Just "click" to order your favorite dinner.

And now, just "click" to save up to two hundred and fifty dollars a year on your energy bill.

With FPL's Online Home Energy Survey...it's now easier to fast forward to personalized savings.

Go to FPL.com/EasyToSave to take the survey and make your bill even lower.

MOVIE NIGHT TV :15

With just a click, it's easy to turn any night into family movie night.

And now, just "click" to save up to $250 a year on your energy bill.

Go to FPL.com/EasyToSave and just "click" to make your bill even lower.

HOUSE TO HOME TV :30

It's amazing what you can do with a click these days...

Just "click" for the perfect color...at the perfect price.

Just "click" for bright ideas...on a budget.

And now, just "click" to get personalized savings on your energy bill.

With FPL's Online Home Energy Survey...it's now easier to find the perfect way to save up to $250 a year.

Go to FPL.com/EasyToSave to take the survey and make your bill even lower.

HOUSE TO HOME TV :15

With just a click, it's easy to make your new house feel like home.

And now, just 'click' to get personalized savings on your energy bill with FPL's Online Home Energy Survey.

Go to FPL.com/EasyToSave to make your bill even lower.

MGSCOMM TV Scripts

GOOD INVESTMENTS :30

It's amazing what you can do with a click these days.

Just "click" to check on your nest egg and see your progress.

Just "click" to get personalized advice and grow your savings.

And now, just "click" to take control of your energy use and save money all year long.

With FPL's Online Home Energy Survey, it's now easier to get customized recommendations to help you save up to $250 a year!

Go to FPL.com/EasyToSave to take the survey and make your bill even lower.

GOOD INVESTMENTS TV :15

These days, saving on your next get-away is just a click away.

And now, just click to see what kind of results you can get with FPL's Online Home Energy Survey.

Go to FPL.com/EasyToSave to make your bill even lower.

BEE OFFICE :30

It's amazing what you can do for your business with a click these days...

Just "click" to save on office furniture.

Just "click" to save on supplies.

And now, just "click" to save up to $500 a year on your energy bill when you schedule a free FPL Business Energy Evaluation.

Together, we can find new ways to save energy and make your bill even lower.

Go to FPL.com/EasyToSave_and just "click" to schedule your evaluation today.

BEE Dry Cleaner :15

With just a click, it's easy to spot new ways to save for your business.

And now, just click to save up to $500 a year on your energy bill.

Go to FPL.com/EasyToSave to schedule your free Business Energy Evaluation today.

MGSCOMM

TV Scripts

BEE Bakery :15

With just a click, it's easy to stir up savings for your business.

And now, just click to save up to $500 a year on your energy bill.

Go to FPL.com/EasyToSave to schedule your free Business Energy Evaluation today.

MGSCOMM TV Script

BEE OFFICE :30

It's amazing what you can do for your business with a click these days...

Just "click" to save on office furniture.

Just "click" to save on supplies.

And now, just "click" to save up to $500 a year on your energy bill when you schedule a free FPL Business Energy Evaluation.

Together, we can find new ways to save energy and make your bill even lower.

Go to FPL.com/EasyToSave and just "click" to schedule your evaluation today.

BEE Dry Cleaner :15

With just a click, it's easy to spot new ways to save for your business.

And now, just click to save up to $500 a year on your energy bill.

Go to FPL.com/EasyToSave to schedule your free Business Energy Evaluation today.

BEE Bakery :15

With just a click, it's easy to stir up savings for your business.

And now, just click to save up to $500 a year on your energy bill.

Go to FPL.com/EasyToSave to schedule your free Business Energy Evaluation today.

FLORIDA POWER & LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
SUMMARY OF ECCR CALCULATION

SCHEDULE: C-2

ESTIMATED FOR THE PERIOD OF: JANUARY 2016 THROUGH DECEMBER 2016

PROGRAM TITLE	Method of Classification		Monthly Data												
	Energy	Demand	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
1. Residential Home Energy Survey	$13,299,478		$576,470	$549,893	$499,765	$532,496	$577,046	$900,195	$2,134,281	$2,672,920	$2,431,440	$1,536,025	$475,050	$413,897	$13,299,478
2. Residential Ceiling Insulation[(1)]	$962,820		$67,116	$56,803	$90,149	$72,984	$70,846	$92,074	$81,178	$102,065	$100,762	$93,804	$77,541	$57,498	$962,820
3. Residential Air Conditioning	$12,208,060		$860,796	$676,842	$920,088	$1,008,672	$1,191,298	$1,422,282	$1,204,871	$1,168,036	$1,115,260	$981,253	$897,861	$760,802	$12,208,060
4. Residential New Construction (BuildSmart®)	$599,502		$46,167	$50,903	$58,714	$54,776	$50,525	$48,648	$52,606	$50,203	$47,489	$46,576	$46,459	$46,435	$599,502
5. Residential Low-Income Weatherization	$741,024		$59,082	$61,504	$71,297	$59,579	$63,300	$60,468	$59,691	$62,410	$61,364	$59,661	$62,221	$60,447	$741,024
6. Residential Load Management ("On Call")		$50,909,923	$3,396,553	$3,362,847	$3,095,528	$4,388,951	$4,812,002	$5,086,861	$4,897,450	$4,933,674	$4,985,904	$4,817,162	$3,464,905	$3,668,086	$50,909,923
7. Business Energy Evaluation	$8,834,974		$456,137	$513,080	$546,983	$496,926	$518,323	$698,253	$1,122,612	$1,343,485	$1,391,738	$821,422	$479,508	$446,508	$8,834,974
8.. Business Efficient Lighting	$379,575		$27,458	$34,659	$36,678	$27,699	$36,283	$34,401	$41,732	$28,487	$28,093	$27,699	$28,293	$28,093	$379,575
9. Business Heating, Ventilating & A/C	$5,748,884		$468,146	$487,884	$495,166	$466,541	$494,695	$481,573	$510,745	$469,755	$468,718	$469,417	$468,440	$467,807	$5,748,884
10. Business Custom Incentive	$178,619		$14,527	$14,570	$15,171	$14,678	$15,187	$14,924	$14,678	$15,171	$15,187	$14,678	$14,924	$14,925	$178,619
11. Business On Call		$4,176,572	$55,126	$51,534	$77,627	$551,933	$600,063	$596,492	$594,975	$584,824	$579,093	$340,758	$94,588	$49,560	$4,176,572
12. Commercial/Industrial Load Control		$41,638,915	$2,766,055	$2,756,369	$3,163,475	$2,976,674	$2,894,510	$5,629,389	$3,005,303	$2,978,233	$3,558,540	$2,973,324	$3,530,556	$5,406,487	$41,638,915
13. Commercial/Industrial Demand Reduction		$20,241,362	$1,422,622	$1,357,923	$1,389,748	$1,515,443	$1,721,314	$1,834,483	$1,897,309	$1,943,633	$1,973,836	$1,957,772	$1,692,411	$1,534,867	$20,241,362
14. Business Photovoltaic for Schools Pilot	$2,383,722		$205,188	$203,998	$202,808	$201,618	$200,429	$199,239	$198,049	$196,859	$195,669	$194,479	$193,289	$192,099	$2,383,722
15. Solar Pilot Projects Common Expenses	$375,153		$32,509	$32,282	$32,056	$31,829	$31,603	$31,376	$31,149	$30,923	$30,696	$30,470	$30,243	$30,017	$375,153
16. Cogeneration & Small Power Production	$388,774		$31,245	$29,564	$33,999	$32,037	$31,782	$33,018	$33,274	$32,763	$33,018	$32,037	$31,782	$34,255	$388,774
17. Conservation Research & Development	$254,817		$34,092	$34,106	$55,984	$34,139	$1,677	$23,369	$1,601	$19,830	$16,139	$1,601	$16,139	$16,140	$254,817
18. Common Expenses	$2,819,366	$7,113,997	$874,708	$818,715	$1,059,809	$793,317	$781,876	$806,002	$743,624	$797,237	$807,303	$831,681	$836,330	$782,762	$9,933,363
19. Subtotal All Programs	$49,174,770	$124,080,769	$11,393,995	$11,093,475	$11,845,045	$13,260,292	$14,092,759	$17,993,046	$16,625,127	$17,430,507	$17,840,250	$15,229,818	$12,440,540	$14,010,685	$173,255,538
20. Recoverable Conservation Expenses	$49,174,770	$124,080,769	$11,393,995	$11,093,475	$11,845,045	$13,260,292	$14,092,759	$17,993,046	$16,625,127	$17,430,507	$17,840,250	$15,229,818	$12,440,540	$14,010,685	$173,255,538

Note: (1) Residential Building Envelope renamed Residential Ceiling Insulation in 2016
Totals may not add due to rounding.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 150002-EG EXHIBIT: 3
PARTY: FLORIDA POWER & LIGHT COMPANY (FPL) – DIRECT
DESCRIPTION: A. Sharma AS-2

FLORIDA POWER & LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
SUMMARY OF ECCR CALCULATION

SCHEDULE: C-2

ESTIMATED FOR THE PERIOD OF: JANUARY 2016 THROUGH DECEMBER 2016

PROGRAM TITLE	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	Total for Period
1. Residential Home Energy Survey	$147,392	$4,004,528	$32,000	$1,517,775	$6,935,229		$99,297	$563,258	$13,299,478
2. Residential Ceiling Insulation[(1)]		$137,118		$14,726		$800,745		$10,231	$962,820
3. Residential Air Conditioning		$1,149,202		$121,215		$10,720,594	$61,106	$155,943	$12,208,060
4. Residential New Construction (BuildSmart®)		$431,099		$84,522		$24,000		$59,881	$599,502
5. Residential Low-Income Weatherization		$223,232		$1,064		$417,500	$15,276	$83,951	$741,024
6. Residential Load Management ("On Call")	$7,770,679	$1,740,665	($2,703,763)	$4,747,408		$38,787,845	$34,876	$532,212	$50,909,923
7. Business Energy Evaluation		$4,639,869	$24,000	$791,571	$2,877,956		$27,841	$473,736	$8,834,974
8.. Business Efficient Lighting		$102,465		$41,389		$223,516		$12,205	$379,575
9. Business Heating, Ventilating & A/C		$328,701		$142,842		$5,175,750	$7,794	$93,797	$5,748,884
10. Business Custom Incentive		$64,152				$110,000		$4,467	$178,619
11. Business On Call	$400,382	$143,238	($146,000)	$170,649		$3,578,169	$374	$29,759	$4,176,572
12. Commercial/Industrial Load Control		$207,567	$25,742	$32,220		$41,320,490	$185	$52,711	$41,638,915
13. Commercial/Industrial Demand Reduction		$298,464	$17,058	$16,010		$19,833,365	$192	$76,273	$20,241,362
14. Business Photovoltaic for Schools Pilot	$2,383,722								$2,383,722
15. Solar Pilot Projects Common Expenses	$375,153								$375,153
16. Cogeneration & Small Power Production		$586,446		$3,553				($201,224)	$388,774
17. Conservation Research & Development		$19,817		$235,000					$254,817
18. Common Expenses	$1,579,856	$6,387,821		$904,084			$7,200	$1,054,402	$9,933,363
19. Subtotal All Programs	$12,657,185	$20,464,384	($2,750,963)	$8,824,028	$9,813,185	$120,991,974	$254,141	$3,001,603	$173,255,538
20. Recoverable Conservation Expenses	$12,657,185	$20,464,384	($2,750,963)	$8,824,028	$9,813,185	$120,991,974	$254,141	$3,001,603	$173,255,538

Note: (1) Residential Building Envelope renamed Residential Ceiling Insulation in 2016
Totals may not add due to rounding.

FLORIDA POWER & LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
SUMMARY OF ECCR CALCULATION

SCHEDULE: C-3

JANUARY THROUGH JUNE 2015: ACTUAL JULY THROUGH DECEMBER 2015: ESTIMATED

PROGRAM TITLE	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	Total for Period
1. Residential Home Energy Survey									
Actual	$70,112	$1,979,068	$864	$623,214	($31,212)	$0	$45,393	$265,885	$2,953,325
Estimated	$70,130	$2,820,878	$0	$625,528	$6,097,204	$0	$116,541	$303,872	$10,034,153
Total	$140,241	$4,799,947	$864	$1,248,742	$6,065,992	$0	$161,935	$569,757	$12,987,478
2. Residential Building Envelope									
Actual	$0	$121,847	$31	$143,565	$0	$1,162,071	$3,300	$3,801	$1,434,614
Estimated	$0	$61,720	$0	$35,735	$0	$775,908	$0	$425	$873,788
Total	$0	$183,567	$31	$179,300	$0	$1,937,979	$3,300	$4,226	$2,308,403
3. Residential Duct System Testing & Repair									
Actual	$0	$318,243	$229	$31,292	$0	$81,307	$11	($32,879)	$398,203
Estimated	$0	$20,271	$0	$7,162	$0	$62,110	$0	($8,558)	$80,985
Total	$0	$338,514	$229	$38,455	$0	$143,417	$11	($41,437)	$479,188
4. Residential Air Conditioning									
Actual	$0	$806,553	$384	$184,455	$0	$20,090,015	$30,254	($107,735)	$21,003,926
Estimated	$0	$452,494	$0	$97,116	$0	$14,183,314	$18,697	$47,737	$14,799,357
Total	$0	$1,259,047	$384	$281,571	$0	$34,273,329	$48,951	($59,999)	$35,803,283
5. Residential New Construction (BuildSmart®)									
Actual	$0	$217,387	$76	$55,436	$0	$7,150	$0	$20,608	$300,657
Estimated	$0	$218,378	$0	$21,538	$0	$10,975	$5,465	$13,167	$269,523
Total	$0	$435,765	$76	$76,973	$0	$18,125	$5,465	$33,776	$570,181
6. Residential Low-Income Weatherization									
Actual	$0	$18,796	$0	$0	$0	$16,920	$0	$2,368	$38,085
Estimated	$0	$24,722	$0	$0	$0	$15,011	$0	$2,952	$42,684
Total	$0	$43,518	$0	$0	$0	$31,931	$0	$5,320	$80,769
7. Residential Load Management ("On Call")									
Actual	$3,140,503	$352,036	$112,131	$1,208,540	$0	$21,287,364	$22,146	$406,429	$26,529,149
Estimated	$3,564,244	$1,004,880	($665,068)	$1,351,809	$0	$24,822,479	$4,284	$237,034	$30,319,663
Total	$6,704,747	$1,356,917	($552,937)	$2,560,349	$0	$46,109,844	$26,430	$643,464	$56,848,812
8. Business Energy Evaluation									
Actual	$0	$2,086,021	$678	$350,007	$71,536	$0	$36,029	$138,870	$2,683,141
Estimated	$0	$2,347,683	$6,000	$538,001	$2,590,379	$0	$16,488	$190,247	$5,688,798
Total	$0	$4,433,703	$6,678	$888,009	$2,661,915	$0	$52,517	$329,116	$8,371,939
9. Business Efficient Lighting									
Actual	$0	$85,244	$2	$33,197	$0	$102,243	$0	$2,592	$223,279
Estimated	$0	$45,524	$0	$36,883	$0	$69,600	$0	$466	$152,473
Total	$0	$130,768	$2	$70,081	$0	$171,843	$0	$3,058	$375,752

FLORIDA POWER & LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
SUMMARY OF ECCR CALCULATION

SCHEDULE: C-3

JANUARY THROUGH JUNE 2015: ACTUAL JULY THROUGH DECEMBER 2015: ESTIMATED

PROGRAM TITLE		Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	Total for Period
10. Business Heating, Ventilating & A/C										
	Actual	$0	$276,587	$50	$93,654	$0	$1,179,606	$0	$25,032	$1,574,929
	Estimated	$0	$136,771	$0	$50,683	$0	$2,095,591	$863	$36,979	$2,320,886
	Total	$0	$413,358	$50	$144,337	$0	$3,275,197	$863	$62,012	$3,895,815
11. Business Custom Incentive										
	Actual	$0	$13,931	$0	$0	$0	$35,563	$0	$1,103	$50,597
	Estimated	$0	$11,284	$0	$0	$0	$388,993	$0	$521	$400,798
	Total	$0	$25,215	$0	$0	$0	$424,556	$0	$1,624	$451,394
12. Business Building Envelope										
	Actual	$0	$137,410	$32	$72,959	$0	$2,193,924	$3,300	$5,635	$2,413,260
	Estimated	$0	$80,039	$0	$16,520	$0	$1,101,801	$2,301	$6,053	$1,206,715
	Total	$0	$217,448	$32	$89,479	$0	$3,295,726	$5,601	$11,689	$3,619,975
13. Business Water Heating										
	Actual	$0	$691	$0	$2,818	$0	$2,950	$0	$117	$6,577
	Estimated	$0	$377	$0	$625	$0	$1,997	$0	$9	$3,007
	Total	$0	$1,068	$0	$3,443	$0	$4,947	$0	$126	$9,584
14. Business Refrigeration										
	Actual	$0	$13,490	$2	$4,704	$0	$2,928	$0	$536	$21,660
	Estimated	$0	$1,032	$0	$907	$0	$1,046	$0	$42	$3,027
	Total	$0	$14,522	$2	$5,611	$0	$3,974	$0	$578	$24,687
15. Business On Call										
	Actual	$164,698	$39,838	$4	$73,320	$0	$1,413,791	$0	$13,141	$1,704,792
	Estimated	$183,647	$186,439	($146,000)	$70,111	$0	$1,977,229	$137	$12,684	$2,284,247
	Total	$348,345	$226,277	($145,996)	$143,432	$0	$3,391,020	$137	$25,825	$3,989,039
16. Commercial/Industrial Load Control										
	Actual	$0	$99,833	$205	$2,458	$0	$19,247,359	$0	$21,098	$19,370,954
	Estimated	$0	$110,934	$3,187	$4,067	$0	$20,412,518	$0	$27,057	$20,557,762
	Total	$0	$210,767	$3,392	$6,525	$0	$39,659,877	$0	$48,155	$39,928,716
17. Commercial/Industrial Demand Reduction										
	Actual	$0	$137,412	$663	$0	$0	$8,434,137	$0	$30,512	$8,602,724
	Estimated	$0	$155,290	$4,313	$5,461	$0	$10,195,577	$1	$36,493	$10,397,134
	Total	$0	$292,702	$4,975	$5,461	$0	$18,629,714	$1	$67,005	$18,999,858
18. Res. Solar Water Heating Pilot										
	Actual	$0	$113,254	$0	$0	$0	$335,000	$0	$3,112	$451,366
	Estimated	$0	$42,825	$0	$0	$0	$665,000	$0	$610	$708,435
	Total	$0	$156,079	$0	$0	$0	$1,000,000	$0	$3,722	$1,159,801

JANUARY THROUGH JUNE 2015: ACTUAL JULY THROUGH DECEMBER 2015: ESTIMATED

PROGRAM TITLE	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	Total for Period
19. Res. Solar Water Heating (LINC) Pilot									
Actual	$0	$20,944	$0	$0	$0	$59,840	$0	$766	$81,550
Estimated	$0	$9,479	$0	$0	$0	$478,500	$0	$510	$488,489
Total	$0	$30,423	$0	$0	$0	$538,340	$0	$1,276	$570,039
20. Residential Photovoltaic Pilot									
Actual	$0	$124,450	$2	$3,000	$0	$7,113,254	$0	$5,260	$7,245,966
Estimated	$0	$38,691	$0	$0	$0	$545,951	$0	$685	$585,328
Total	$0	$163,141	$2	$3,000	$0	$7,659,205	$0	$5,945	$7,831,294
21. Business Solar Water Heating Pilot									
Actual	$0	$13,974	$0	$0	$0	$2,520	$0	$167	$16,661
Estimated	$0	$8,455	$0	$0	$0	$97,480	$0	$560	$106,495
Total	$0	$22,429	$0	$0	$0	$100,000	$0	$727	$123,155
22. Business Photovoltaic Pilot									
Actual	$0	$28,746	$0	$0	$0	$495,360	$0	$822	$524,928
Estimated	$0	$17,196	$0	$0	$0	$2,059,681	$0	$435	$2,077,312
Total	$0	$45,943	$0	$0	$0	$2,555,041	$0	$1,257	$2,602,240
23. Business Photovoltaic for Schools Pilot									
Actual	$997,380	$62,139	$18	$38,412	$0	$0	$0	$5,002	$1,102,951
Estimated	$1,031,370	$16,437	$0	$38,940	$0	$0	$0	$355	$1,087,101
Total	$2,028,750	$78,576	$18	$77,352	$0	$0	$0	$5,357	$2,190,052
24. Renewable Research & Demo. Project									
Actual	$0	$21,059	$0	$65,532	$0	$0	$0	($27,534)	$59,057
Estimated	$0	$6,868	$0	$121,969	$0	$0	$0	$510	$129,347
Total	$0	$27,927	$0	$187,501	$0	$0	$0	($27,024)	$188,404
25. Solar Pilot Projects Common Expenses									
Actual	$208,337	$39,800	$0	$0	$0	$0	$0	$204	$248,341
Estimated	$199,809	$19,051	$0	$0	$0	$0	$0	$875	$219,735
Total	$408,146	$58,851	$0	$0	$0	$0	$0	$1,079	$468,076
26. Cogeneration & Small Power Production									
Actual	$0	$251,170	$0	($41,914)	$0	$0	$0	($98,482)	$110,774
Estimated	$0	$292,782	$0	$1,750	$0	$0	$0	($99,125)	$195,407
Total	$0	$543,952	$0	($40,164)	$0	$0	$0	($197,607)	$306,181
27. Conservation Research & Development									
Actual	$0	$33,646	$0	$196,428	$0	$0	$0	$93,887	$323,961
Estimated	$0	$17,171	$0	$98,005	$0	$0	$0	$1	$115,177
Total	$0	$50,816	$0	$294,433	$0	$0	$0	$93,888	$439,138

FLORIDA POWER & LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
SUMMARY OF ECCR CALCULATION

SCHEDULE: C-3

JANUARY THROUGH JUNE 2015: ACTUAL JULY THROUGH DECEMBER 2015: ESTIMATED

PROGRAM TITLE		Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	Total for Period
28. Common Expenses										
	Actual	$1,100,746	$3,266,979	$4,083	$497,786	$0	$0	$8,019	$640,358	$5,517,971
	Estimated	$1,153,827	$6,429,141	$18	$465,125	$0	$0	$6,071	$550,702	$8,604,884
	Total	$2,254,574	$9,696,120	$4,101	$962,911	$0	$0	$14,090	$1,191,060	$14,122,855
29. Recoverable Conservation Expenses										
	Actual	$5,681,776	$10,680,548	$119,454	$3,638,864	$40,324	$83,263,303	$148,452	$1,420,675	$104,993,396
	Estimated	$6,203,026	$14,576,811	($797,549)	$3,587,935	$8,687,583	$79,960,759	$170,848	$1,363,299	$113,752,711
	Total	$11,884,802	$25,257,359	($678,095)	$7,226,798	$8,727,907	$163,224,062	$319,300	$2,783,974	$218,746,107

FPL DSM Program & Pilot Descriptions

FPL's DSM programs are designed to reduce energy consumption and growth of coincident peak demand.

1. **Residential Home Energy Survey (HES)**
   This program educates customers on energy efficiency and encourages implementation of recommended practices and measures, even if these are not included in FPL's DSM programs. The HES is also used to identify potential candidates for other FPL DSM programs.

2. **Residential Building Envelope**
   This program encourages customers to improve the thermal efficiency of the building structure.

3. **Residential Duct System Testing and Repair**
   This program encourages customers to repair air leaks identified in air-conditioning duct systems.

4. **Residential Air-Conditioning**
   This program encourages customers to install high-efficiency central air-conditioning systems.

5. **Residential New Construction BuildSmart®**
   This program encourages builders and developers to design and construct new homes to meet ENERGY STAR® qualifications.

6. **Residential Low-Income Weatherization**
   This program is a partnership with government and non-profit agencies to assist eligible low income residential customers in reducing their heating and cooling costs.

7. **Residential Load Management (On-Call)**
   This program allows FPL to turn off certain customer-selected appliances using FPL-installed equipment during periods of extreme demand, capacity shortages or system emergencies.

8. **Business Energy Evaluation (BEE)**
   This program educates customers on energy efficiency and encourages implementation of recommended practices and measures, even if these are not included in FPL's DSM programs. The BEE is also used to identify potential candidates for other FPL DSM programs

9. **Business Efficient Lighting**
   This program encourages customers to install high-efficiency lighting systems.

10. **Business Heating, Ventilating and Air Conditioning (HVAC)**
    This program encourages customers to install high-efficiency HVAC systems.

11. **Business Custom Incentive (BCI)**
    This program encourages customers to install unique high-efficiency technologies not covered by other FPL DSM programs.

FPL DSM Program & Pilot Descriptions (cont'd)

12. Business Building Envelope
This program encourages customers to improve the thermal efficiency of their building structure.

13. Business Water Heating
This program encourages customers to install high-efficiency water heating systems.

14. Business Refrigeration
This program encourages customers to install high-efficiency refrigeration systems.

15. Business On Call
This program allows FPL to turn off customers' direct expansion central electric air-conditioning units using FPL-installed equipment during periods of extreme demand, capacity shortages or system emergencies.

16. Commercial/Industrial Load Control (CILC)
This program allows FPL to control customer loads of 200 kW or greater during periods of extreme demand, capacity shortages, or system emergencies. It was closed to new participants as of December 31, 2000. It is available to existing participants who had entered into a CILC agreement as of March 19, 1996.

17. Commercial/Industrial Demand Reduction (CDR)
This program allows FPL to control customer loads of 200 kW or greater during periods of extreme demand, capacity shortages, or system emergencies.

18. Residential Solar Water Heating Pilot
This pilot encourages customers to install solar water heating systems.

19. Residential Solar Water Heating (Low Income New Construction) Pilot
This pilot is a partnership with non-profit organizations to provide solar water heating systems to organization-selected low income housing developments.

20. Residential Photovoltaic (PV) Pilot
This pilot encourages customers to install PV systems.

21. Business Solar Water Heating Pilot
This pilot encourages customers to install solar water heating systems.

22. Business PV Pilot
This pilot encourages customers to install PV systems.

23. Business PV for Schools Pilot
Under this pilot, FPL installs PV systems and provides supporting educational training and materials, for selected schools in most public school districts in FPL's territory, to demonstrate and educate students on the practical application of PV.

FPL DSM Program & Pilot Descriptions (cont'd)

24. Renewable Research and Demonstration (RRD) Project:
Under this project, FPL is conducting a series of demonstrations and renewable technology research projects to increase awareness of solar technologies and to understand and quantify the effectiveness of emerging renewable technologies and their applications.

25. Solar Pilot Project Common Expenses
For administrative efficiency, this includes all costs that are not specific to a particular solar pilot.

26. Cogeneration and Small Power Production
This program facilitates the interconnection and administration of contracts for cogenerators and small power producers.

27. Conservation Research & Development (CRD) Project
Under this project, FPL is conducting a series of research projects 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
For administrative efficiency, this includes all costs that are not specific to a particular program.

Florida Power & Light Company
Program Progress - 2015 Actual/Estimated and 2016 Projection

Pgm. No.	Program Title	2015 Actual/Estimated	2016 Projection	Progress Summary (Inception through June 2015)
1	**Residential Home Energy Survey Program**	Surveys = 181,884 Cost = $12,987,478	Surveys = 100,000 Cost = $13,299,478	Surveys = 3,579,179
2	**Residential Ceiling Insulation Program(1)**	Installations = 6,337 Cost = $2,308,403	Installations = 4,853 Cost = $962,820	Installations = 562,899
3	**Residential Duct System Testing and Repair Program**	Installations = 1,463 Cost = $479,188	Discontinued	Installations = 503,951
4	**Residential Air Conditioning Program**	Installations = 110,071 Cost = $35,803,283	Installations = 71,471 Cost = $12,208,060	Installations = 1,832,855
5	**Residential New Construction Program (BuildSmart®)**	Homes = 3,448 Cost = $570,181	Homes = 1,559 Cost = $599,502	Homes = 37,755
6	**Residential Low-Income Weatherization Program**	Installations = 497 Cost = $80,769	Installations = 2,000 Cost = $741,024	Installations = 8,895
7	**Residential Load Management Program ("On Call")**	Installations = 4,111 Cost = $56,848,812	Installations = 12,000 Cost = $50,909,923	Participants = 812,709
8	**Business Energy Evaluation Program**	Evaluations = 12,077 Cost = $8,371,939	Evaluations = 12,000 Cost = $8,834,974	Evaluations = 209,677
9	**Business Efficient Lighting Program**	kW = 1,839 Cost = $375,752	kW = 2,769 Cost = $379,575	kW = 289,150
10	**Business Heating, Ventilating and Air Conditioning Program**	kW = 7,379 Cost = $3,895,815	kW = 9,321 Cost = $5,748,884	kW = 390,799
11	**Business Custom Incentive Program**	kW = 2,273 Cost = $451,394	kW = 593 Cost = $178,619	kW = 47,437
12	**Business Building Envelope Program**	kW = 3,827 Cost = $3,619,975	Discontinued	kW = 118,857
13	**Business Water Heating Program**	kW = 11 Cost = $9,584	Discontinued	kW = 286
14	**Business Refrigeration Program**	kW = 59 Cost = $24,687	Discontinued	kW = 1,958
15	**Business On Call Program**	kW = 2,939 Cost = $3,989,039	kW = 3,233 Cost = $4,176,572	MW under contract = 103
16	**Commercial/Industrial Load Control Program (CILC)**	Closed to new participants Cost = $39,928,716	Closed to new participants Cost = $41,638,915	MW under contract = 483
17	**Commercial/Industrial Demand Reduction Program**	kW = 8,071 Cost = $18,999,858	kW = 8,084 Cost = $20,241,362	MW under contract = 234
18	**Residential Solar Water Heating Pilot**	kW = 162 Cost = $1,159,801	Discontinued	kW = 965
19	**Residential Solar Water Heating (Low Income New Construction) Pilot**	kW = 20 Cost = $570,039	Discontinued	kW = 117
20	**Residential Photovoltaic Pilot**	kW = 1,449 Cost = $7,831,294	Discontinued	kW = 126
21	**Business Solar Water Heating Pilot**	kW = 33 Cost = $123,155	Discontinued	kW = 126
22	**Business Photovoltaic Pilot**	kW = 759 Cost = $2,602,240	Discontinued	kW = 2,935
23	**Business Photovoltaic for Schools Pilot(2)**	kW = 108 Cost = $2,190,052	Discontinued Cost = $2,383,722	kW = 92
24	**Renewable Research and Demonstration Project**	Cost = $188,404	Discontinued	Not Applicable
25	**Solar Pilot Project Common Expenses(2)**	Cost = $468,076	Cost = $375,153	Not Applicable
26	**Cogeneration & Small Power Production**	MW = 635 GWh = 1,385 Cost = $306,181	MW = 595 GWh = 1,744 Cost = $388,774	MW & GWh represent contracted purchase power Firm Producers Firm = 4 As Available Producers = 11
27	**Conservation Research & Development Program**	Cost = $439,138	Cost = $254,817	See Schedule C-5, Page 5 of 5
28	**Common Expenses**	Cost = $14,122,855	Cost = $9,933,363	Not Applicable

(1) Residential Building Envelope renamed Residential Ceiling Insulation in 2016

(2) Recovery of Depreciation and Return

kW and MW reduction are at the generator

Conservation Research & Development (CRD) Program

Deep Retrofits of Existing Homes (Building America Project – Phase II)
This is a continuation of a Building America project FPL is co-funding with the U.S. Department of Energy (DOE) in order to quantify and contrast the demand reductions, energy savings, and paybacks associated with "light" and "deep" energy efficiency retrofit measures for existing homes in Florida's climate. The study should assist customers in ranking the priority order of energy efficiency upgrades for their homes. In Phase I, 60 homes received light retrofits (e.g., efficient lighting, water heater tank insulation and shortened pool pump operating schedules) while ten homes received deep retrofits (e.g., seasonal energy efficiency ratio (SEER) 16 high efficiency HVAC units, heat pump water heaters and targeted upgrades to Energy Star® appliances). This Phase was completed in 2014. Phase II began in fourth quarter 2014 with the installation of additional deep retrofit technologies in a subset of the initial light retrofit homes. These retrofits include: learning thermostats (25 homes); ultra-high efficiency mini-split ductless air conditioners (11 homes); ducting of cool air from heat pump water heaters (8 homes); super-efficient Energy Star clothes washers and dryers (8 homes); variable-speed pool pumps (5 homes); and high efficiency windows and exterior wall insulation (2 homes). The monitoring and analysis is expected to be completed by year-end 2015.

Commercial Rooftop HVAC Retrofit with Variable Speed Air Handler Fan
A 60-ton HVAC unit on a host supermarket location in Miami was retrofitted with the Enerfit controller. Based on real-time feedback from multiple temperature and pressure sensors, the Enerfit slows down the air handler fan whenever maximum cooling capacity is not needed (essentially turning the existing fan motor into a variable speed drive) which could save energy and increase dehumidification. A full year of operational data has been collected and analysis using statistical regression and weather data for a typical meteorological year is being applied to estimate the annual energy savings and peak hour demand reduction. The final report is expected by year-end 2015.

Load Control Hardware Testing
The purpose of this project is to perform qualification and capabilities testing in a lab environment of potential new load management switching equipment as a possible upgrade from the current Residential Load Management Program transponders. FPL plans to test additional technologies and potentially conduct field testing in 2016.

Residential Smart Thermostats – Small Scale Tests and Larger Trial
Since 2012, FPL has been testing various algorithm and non-algorithm based smart thermostat technologies. In the most recent study phase, FPL conducted a trial of non-algorithm-based devices to assess the technical feasibility, customer acceptance, and demand and energy impacts of broadband-connected thermostats which can be accessed and controlled via customer-owned mobile devices (i.e., smartphones and tablets). In late 2013, FPL installed smart thermostats in the homes of 180 volunteers. These participants agreed to allow FPL to perform load control tests during the trial period to provide data on equipment capabilities and customer response to such events (including whether they opted out). The trial period ended in late 2014 and analysis will be completed in 2015.

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 - 5	Anita Sharma
CT-3, Page 1	Anita Sharma
CT-3, Pages 2 - 3	Terry J. Keith
CT-4, Pages 1 - 6	Terry J. Keith
CT-5, Page 1	Anita Sharma
CT-6, Pages 1 - 322	Anita Sharma
Appendix A	Anita Sharma

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 150002-EG EXHIBIT: 4
PARTY: FLORIDA POWER & LIGHT COMPANY (FPL) – DIRECT
DESCRIPTION: Terry J. Keith AS-1

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

SCHEDULE: CT-1

JANUARY THROUGH DECEMBER 2014

	Total
1. Actual End of Period True-up (CT-3, Page 2 of 3, Lines 7 and 8)	
2. Principal	($5,165,805)
3. Interest	($4,068)
Total Actual End of Period True-up	($5,169,872)
4. Less Actual/Estimated True-up	
5. Principal	$3,189,831
6. Interest	($3,057)
Total Actual/Estimated True-up [1]	$3,186,774
7. Final Net True-up	($8,356,646)

[1] Approved per Order No. PSC-14-0632-FOF Issued October 31, 2014

Note: ( ) Reflects Underrecovery

Totals may not add due to rounding.

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

SCHEDULE: CT-2

JANUARY THROUGH DECEMBER 2014

ACTUAL V. ACTUAL/ESTIMATE FOR THE PERIOD	Actual	Actual/Estimated (1)	Difference
1. Depreciation & Return	$10,554,571	$10,819,901	($265,329)
2. Payroll & Benefits	$23,897,654	$25,344,636	($1,446,983)
3. Materials & Supplies	$397,672	($747,335)	$1,145,007
4. Outside Services	$8,730,830	$9,248,751	($517,921)
5. Advertising	$7,462,866	$7,966,394	($503,528)
6. Rebates	$205,612,582	$201,421,968	$4,190,614
7. Vehicles	$249,874	$261,950	($12,077)
8. Other	$3,117,456	$2,930,618	$186,838
9. Solid Waste Authority	$56,287,660	$56,287,656	$4
10. Subtotal Program Costs	$316,311,166	$313,534,540	$2,776,626
11. Program Revenues	$0	$0	$0
12. Subtotal Program Costs	$316,311,166	$313,534,540	$2,776,626
13. Total Adjusted Program Costs	$316,311,166	$313,534,540	$2,776,626
14. ECCR Revenues (Net of Revenue Taxes)	$327,004,940	$332,583,949	($5,579,009)
15. Prior Period True-up (Collected)/Refunded this Period	($15,859,579)	($15,859,579)	$0
16. Revenues Applicable to the Period	$311,145,361	$316,724,370	($5,579,009)
17. True-up Provision (Under)/Over Recovery - Current Period (Line 16 - Line 13)	($5,165,805)	$3,189,831	($8,355,635)
18. Interest Provision (Under)/Over Recovery - Current Period	($4,068)	($3,057)	($1,011)
19. True-up and Interest Provision (Under)/Over Recovery - Beginning of Period	($15,859,579)	($15,859,579)	$0
20. Deferred True-up from Prior Period	$1,964,488	$1,964,488	$0
21. Prior Period True-up (Collected)/Refunded this Period	$15,859,579	$15,859,579	$0
22. End of Period True-up Amount (Under)/Over Recovery	($3,205,385)	$5,151,261	($8,356,646)

(1) Approved in order No. PSC-14-0632-FOF-EG October 31, 2014

Totals may not add due to rounding.

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

SCHEDULE: CT-2

JANUARY THROUGH DECEMBER 2014

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	$147,995	$4,332,961	$33,362	$1,665,834	$5,054,692		$85,284	$599,290	$11,919,418	$0	$11,919,418
2. Residential Building Envelope		$293,518	$131	$209,516		$2,774,004	$9,748	$12,338	$3,299,254	$0	$3,299,254
3. Residential Duct System Testing & Repair		$770,026	$5,733	$47,284		$177,756	$556	($88,422)	$912,934	$0	$912,934
4. Residential Air Conditioning		$1,710,970	$1,412	$293,008		$74,261,940	$57,815	$73,669	$76,398,815	$0	$76,398,815
5. Residential New Construction (BuildSmart®)		$539,372		$108,148		$23,194		$60,845	$731,558	$0	$731,558
6. Residential Low-Income Weatherization		$45,447				$75,600		$4,637	$125,685	$0	$125,685
7. Residential Load Management ("On Call")	$6,243,364	($184,345)	$506,707	$2,787,879		$45,367,952	$52,345	$688,237	$55,462,140	$0	$55,462,140
8. Business Energy Evaluation		$4,195,591	$9,014	$683,685	$2,408,174		$22,572	$269,369	$7,588,405	$0	$7,588,405
9. Business Efficient Lighting		$202,254	$15	$61,888		$238,110		$11,124	$513,392	$0	$513,392
10. Business Heating, Ventilating & A/C		$635,455	$70	$149,627		$5,547,775	$555	$52,279	$6,385,761	$0	$6,385,761
11. Business Custom Incentive		$39,723	$100			$245,132		$4,157	$289,113	$0	$289,113
12. Business Building Envelope		$448,985	$101	$109,205		$6,982,948	$6,050	$15,680	$7,562,970	$0	$7,562,970
13. Business Water Heating		$5,089		$3,723		$1,550		$541	$10,903	$0	$10,903
14. Business Refrigeration		$42,185	$25	$6,707		$69,688		$1,528	$120,133	$0	$120,133
15. Business On Call	$349,639	$129,153	($191,696)	$331,279		$3,308,139	$25	$38,211	$3,964,749	$0	$3,964,749
16. Commercial/Industrial Load Control		$251,262	$1,351	$1,711		$40,703,621		$45,049	$41,002,993	$0	$41,002,993
17. Commercial/Industrial Demand Reduction		$299,480	$1,068	$275		$17,269,917		$61,892	$17,632,632	$0	$17,632,632
18. Res. Solar Water Heating Pilot		$258,819	$0	$77,596		$1,118,000		$5,639	$1,460,055	$0	$1,460,055
19. Res. Solar Water Heating (LINC) Pilot		$48,694				$1,019,292		$1,746	$1,069,732	$0	$1,069,732
20. Residential Photovoltaic Pilot		$126,384	$6			$4,498,068		$3,129	$4,627,588	$0	$4,627,588
21. Business Solar Water Heating Pilot		$30,548	$0	$31,992		$5,610		$757	$68,907	$0	$68,907
22. Business Photovoltaic Pilot		$70,304		$56,277		$1,924,288		$1,479	$2,052,346	$0	$2,052,346
23. Business Photovoltaic for Schools Pilot	$1,148,233	$143,927	$62	$58,763			$38	$5,815	$1,356,837	$0	$1,356,837
24. Renewable Research & Demo. Project		$64,750	$505	$795,397				$30,122	$890,773	$0	$890,773
25. Solar Pilot Projects Common Expenses	$442,146	$75,978		$20,553				$4,695	$543,372	$0	$543,372
26. Cogeneration & Small Power Production		$698,523	$256	$45,965				($196,808)	$547,935	$0	$547,935
27. Conservation Research & Development		$102,313	$18,325	$374,182				$234	$495,053	$0	$495,053
28. Common Expenses	$2,223,195	$8,520,287	$11,123	$810,335			$14,886	$1,410,227	$12,990,054	$0	$12,990,054
29. Subtotal All Programs	$10,554,571	$23,897,654	$397,672	$8,730,830	$7,462,866	$205,612,582	$249,874	$3,117,456	$260,023,506	$0	$260,023,506
30.Solid Waste Authority									$56,287,660	$0	$56,287,660
31. Recoverable Conservation Expenses	$10,554,571	$23,897,654	$397,672	$8,730,830	$7,462,866	$205,612,582	$249,874	$3,117,456	$316,311,166	$0	$316,311,166

Totals may not add due to rounding.

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

SCHEDULE: CT-2

JANUARY THROUGH DECEMBER 2014

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		($136,089)	$6,995	$146,771	($418,725)		$14,035	$142,859	($244,155)	$0	($244,155)
2. Residential Building Envelope		$7,791	$87	($26,942)		($126,330)	($36)	($12,671)	($158,102)	$0	($158,102)
3. Residential Duct System Testing & Repair		($10,706)	$1,130	($23,450)		($36,238)	($7,926)	$32,837	($44,353)	$0	($44,353)
4. Residential Air Conditioning		($83,608)	$754	($74,515)		$4,186,122	($2,608)	($58,119)	$3,968,026	$0	$3,968,026
5. Residential New Construction (BuildSmart®)		$19,261		$17,008		($6,502)	($7,253)	$777	$23,290	$0	$23,290
6. Residential Low-Income Weatherization		$5,230		($1,072)		($10,606)		($256)	($6,703)	$0	($6,703)
7. Residential Load Management ("On Call")	($74,883)	($1,027,729)	$1,155,443	$95,213		($1,443,655)	$27,907	$190,532	($1,077,172)	$0	($1,077,172)
8. Business Energy Evaluation		$39,394	($302)	($209,735)	($84,803)		($17,437)	($39,489)	($312,371)	$0	($312,371)
9. Business Efficient Lighting		($58,686)		$8,545		$81,585	($659)	$1,260	$32,044	$0	$32,044
10. Business Heating, Ventilating & A/C		($113,345)	$38	($12,918)		$2,077,920	($4,949)	($25,941)	$1,920,805	$0	$1,920,805
11. Business Custom Incentive		$8,820	$100	($25,700)		($196,448)		($1,134)	($214,362)	$0	($214,362)
12. Business Building Envelope		($41,327)	$53	($2,171)		$794,500	($656)	($3,810)	$746,589	$0	$746,589
13. Business Water Heating		($2,063)		($285)		($2,996)		$88	($5,255)	$0	($5,255)
14. Business Refrigeration		$26,991	$25	$168		$27,864	($20)	($949)	$54,079	$0	$54,079
15. Business On Call	($4,081)	($4,708)	($48,070)	$40,166		($17,450)	($1,994)	($777)	($36,914)	$0	($36,914)
16. Commercial/Industrial Load Control		$4,139	($44)	($2,496)		$423,444	($124)	($21,224)	$403,695	$0	$403,695
17. Commercial/Industrial Demand Reduction		$6,101	$339	($6,696)		($625,322)	($125)	($18,658)	($644,362)	$0	($644,362)
18. Res. Solar Water Heating Pilot		$15,516	$0	$32,324		($105,000)	($659)	$1,152	($56,668)	$0	($56,668)
19. Res. Solar Water Heating (LINC) Pilot		$3,994				($432,405)		$142	($428,269)	$0	($428,269)
20. Residential Photovoltaic Pilot		($39,610)	$3			($138,988)	($659)	($861)	($180,115)	$0	($180,115)
21. Business Solar Water Heating Pilot		($2,135)	$0	$15,388		($198,742)		($479)	($185,968)	$0	($185,968)
22. Business Photovoltaic Pilot		($7,869)		$7,872		($60,138)		$217	($59,918)	$0	($59,918)
23. Business Photovoltaic for Schools Pilot	($145,851)	$29,142	$45	($32,621)				($9,845)	($159,130)	$0	($159,130)
24. Renewable Research & Demo. Project		$24,159	$505	($2,347)				$29,382	$51,699	$0	$51,699
25. Solar Pilot Projects Common Expenses	$0	$2,024		$20,553				$3,721	$26,298	$0	$26,298
26. Cogeneration & Small Power Production		$47,535	$256	$43,147				($15,036)	$75,902	$0	$75,902
27. Conservation Research & Development		($5,838)	$18,316	($71,080)					($58,602)	$0	($58,602)
28. Common Expenses	($40,514)	($153,369)	$9,334	($453,049)			($8,912)	($6,880)	($653,388)	$0	($653,388)
29. Subtotal All Programs	($265,329)	($1,446,983)	$1,145,007	($517,921)	($503,528)	$4,190,614	($12,077)	$186,838	$2,776,622	$0	$2,776,622
30.Solid Waste Authority									$4	$0	$4
31. Recoverable Conservation Expenses	($265,329)	($1,446,983)	$1,145,007	($517,921)	($503,528)	$4,190,614	($12,077)	$186,838	$2,776,626	$0	$2,776,626

Totals may not add due to rounding.

Energy Conservation Cost Recovery (ECCR) Account Numbers
For the Period: January through December 2014

Program Title	Account
1. Residential Home Energy Survey	408172
	908110
	909101
	910100
	925112
	926211
2. Residential Building Envelope	408172
	908110
	925112
	926211
3. Residential Duct System Testing & Repair	408172
	908110
	910100
	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
	910100
	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 & AC	408172
	908110
	909101
	925112
	926211
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

Energy Conservation Cost Recovery (ECCR) Account Numbers
For the Period: January through December 2014

Program Title	Account
15. Business On-Call	408172
	587200
	598140
	908110
	910100
	925112
	926211
16. Commercial/Industrial Load Control	408172
	908110
	925112
	926211
17. C/I Demand Reduction	408172
	908110
	925112
	926211
18. Res Solar Water Heating Pilot	408172
	908110
	925112
	926211
19. Res Solar Water Heating (LINC) Pilot	408172
	908110
	925112
	926211
20. Residential Photovoltaic Pilot	408172
	908110
	925112
	926211
21. Business Solar Water Heating Pilot	408172
	908110
	925112
	926211
22. Business Photovoltaic Pilot	408172
	908110
	925112
	926211
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
	907100
	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 2014

PROGRAM TITLE	Monthly Data												
	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
1. Residential Home Energy Survey	$663,029	$419,211	$461,324	$490,545	$509,885	$1,025,502	$2,208,306	$2,522,922	$1,870,668	$16,725	$467,049	$1,264,253	$11,919,418
2. Residential Building Envelope	$396,154	$228,257	$218,202	$220,615	$227,030	$294,083	$263,144	$296,714	$345,414	$318,291	$273,036	$218,313	$3,299,254
3. Residential Duct System Testing & Repair	$62,069	$81,709	$80,261	$81,225	$86,626	$78,309	$71,556	$61,215	$65,051	$88,816	$72,854	$83,243	$912,934
4. Residential Air Conditioning	$4,955,314	$4,970,514	$5,640,863	$5,797,021	$6,221,429	$6,341,420	$7,371,285	$8,447,929	$7,671,196	$7,727,077	$5,573,003	$5,681,764	$76,398,815
5. Residential New Construction (BuildSmart®)	$53,613	$67,141	$68,212	$66,532	$71,941	$67,018	$58,167	$47,974	$49,359	$64,935	$55,352	$61,315	$731,558
6. Residential Low-Income Weatherization	$29,281	($15,765)	$20,647	$9,142	$11,009	$10,203	$14,365	$12,386	$10,332	$9,546	$5,400	$9,141	$125,685
7. Residential Load Management ("On Call")	$3,511,381	$3,426,427	$3,275,703	$4,741,135	$5,712,472	$5,593,536	$5,403,610	$5,437,993	$5,381,687	$5,276,457	$4,046,964	$3,654,775	$55,462,140
8. Business Energy Evaluation	$472,364	$354,947	$363,157	$386,466	$428,949	$623,380	$813,988	$1,019,346	$1,336,791	$591,648	$408,103	$789,266	$7,588,405
9. Business Efficient Lighting	$40,744	$65,221	$30,111	$31,013	$45,999	$29,839	$43,932	$19,614	$76,021	$19,887	$48,005	$63,004	$513,392
10. Business Heating, Ventilating & A/C	$136,658	$496,239	$136,940	$555,359	$222,211	$122,650	$514,627	$260,643	$1,253,367	$130,694	$2,204,328	$352,045	$6,385,761
11. Business Custom Incentive	$4,772	$4,243	$4,370	$3,095	$18,996	$52,192	$5,632	$27,373	$20,213	$84,472	$8,472	$55,283	$289,113
12. Business Building Envelope	$430,904	$643,746	$702,427	$680,777	$699,320	$800,797	$495,371	$673,063	$519,627	$624,549	$591,270	$701,119	$7,562,970
13. Business Water Heating	$826	$1,577	$747	$1,068	$3,542	$922	$872	$382	$182	$345	$438	$0	$10,903
14. Business Refrigeration	$1,279	$5,481	$801	$25,978	$16,805	$2,986	$9,712	$14,064	$4,403	$27,355	$6,498	$4,770	$120,133
15. Business On Call	$64,444	$88,157	$84,731	$496,729	$566,195	$551,463	$536,251	$533,698	$539,294	$551,824	($108,513)	$60,478	$3,964,749
16. Commercial/Industrial Load Control	$2,640,073	$2,574,078	$2,985,519	$2,952,643	$2,875,689	$6,002,054	$2,956,662	$2,983,858	$3,606,285	$2,923,114	$3,371,882	$5,131,137	$41,002,993
17. Commercial/Industrial Demand Reduction	$1,251,785	$1,185,933	$1,210,186	$1,369,015	$1,560,853	$1,584,242	$1,637,636	$1,684,238	$1,722,494	$1,674,492	$1,438,958	$1,312,800	$17,632,632
18. Res. Solar Water Heating Pilot	$138,255	$143,043	$106,289	$115,368	$135,212	$141,883	$173,104	$195,513	$133,708	$106,055	$38,659	$32,967	$1,460,055
19. Res. Solar Water Heating (LINC) Pilot	$19,301	$23,151	$23,172	$22,403	$33,436	$543,487	$46,453	$9,886	$327,605	$12,424	$3,892	$4,521	$1,069,732
20. Residential Photovoltaic Pilot	$536,220	$1,458,910	$772,895	$272,125	$343,417	$442,151	$234,876	$415,919	$84,834	$27,721	$27,420	$11,099	$4,627,588
21. Business Solar Water Heating Pilot	$2,717	$5,002	$2,661	$2,589	$2,269	$19,105	$2,436	$13,484	$2,370	$11,018	$2,120	$3,136	$68,907
22. Business Photovoltaic Pilot	$63,311	$288,276	$432,335	$225,542	$45,447	$252,118	$150,273	$200,553	$226,753	$156,853	$4,299	$6,586	$2,052,346
23. Business Photovoltaic for Schools Pilot	$59,290	$60,291	$88,441	$94,218	$113,424	$122,031	$106,130	$102,371	$131,247	$157,469	$145,532	$176,394	$1,356,837
24. Renewable Research & Demo. Project	$7,086	$26,092	$28,204	$7,286	$115,736	$91,820	$48,255	$52,233	$36,094	$93,486	$183,691	$200,789	$890,773
25. Solar Pilot Projects Common Expenses	$44,531	$43,479	$43,885	$43,759	$43,517	$42,996	$43,233	$42,421	$47,892	$57,671	$45,994	$43,994	$543,372
26. Cogeneration & Small Power Production	$47,611	$36,799	$43,809	$35,280	$32,303	$31,152	$46,467	$58,406	$42,548	$66,589	$36,570	$70,400	$547,935
27. Conservation Research & Development	$28,121	$30,877	$54,464	$50,992	$13,270	$10,075	$51,426	$12,284	$11,348	$99,560	$52,090	$80,546	$495,053
28. Common Expenses	$1,082,399	$966,918	$1,265,632	$1,037,102	$1,137,979	$1,020,847	$1,041,684	$975,067	$1,057,280	$1,078,504	$1,001,435	$1,325,207	$12,990,054
29. Subtotal All Programs	$16,743,529	$17,679,955	$18,145,988	$19,815,026	$21,294,961	$25,898,260	$24,349,452	$26,121,549	$26,574,060	$21,997,579	$20,004,804	$21,398,343	$260,023,506
30.Solid Waste Authority	$4,691,414	$4,870,810	$4,834,931	$4,799,052	$4,763,172	$4,727,293	$4,688,570	$4,653,208	$4,617,846	$4,582,483	$4,547,121	$4,511,759	$56,287,660
31. Recoverable Conservation Expenses	$21,434,943	$22,550,765	$22,980,919	$24,614,078	$26,058,133	$30,625,554	$29,038,022	$30,774,757	$31,191,906	$26,580,062	$24,551,925	$25,910,102	$316,311,166

Totals may not add due to rounding.

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

SCHEDULE: CT-3

JANUARY THROUGH DECEMBER 2014

	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. CONSERVATION PROGRAM REVENUES													
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)	$25,564,137	$24,150,715	$23,349,782	$24,459,158	$28,038,921	$28,902,001	$30,466,340	$32,232,325	$32,347,526	$28,596,811	$24,878,592	$24,018,631	$327,004,940
3. Total Revenues	$25,564,137	$24,150,715	$23,349,782	$24,459,158	$28,038,921	$28,902,001	$30,466,340	$32,232,325	$32,347,526	$28,596,811	$24,878,592	$24,018,631	$327,004,940
4. Adjustment Not Applicable To Period - Prior True-up	($1,321,632)	($1,321,632)	($1,321,632)	($1,321,632)	($1,321,632)	($1,321,632)	($1,321,632)	($1,321,632)	($1,321,632)	($1,321,632)	($1,321,632)	($1,321,632)	($15,859,579)
5. Conservation Revenues Applicable To Period (Line B3 + B4)	$24,242,506	$22,829,083	$22,028,151	$23,137,527	$26,717,289	$27,580,370	$29,144,709	$30,910,693	$31,025,894	$27,275,180	$23,556,960	$22,697,000	$311,145,361
6. Conservation Expenses (From C-3, Page 10, Line 31)	$21,434,943	$22,550,765	$22,980,919	$24,614,077	$26,058,133	$30,625,554	$29,038,022	$30,774,757	$31,191,906	$26,580,062	$24,551,925	$25,910,102	$316,311,166
7. True-up This Period (Line B5 - Line B6)	$2,807,562	$278,319	($952,768)	($1,476,551)	$659,156	($3,045,184)	$106,687	$135,936	($166,012)	$695,118	($994,965)	($3,213,102)	($5,165,805)
8. Interest Provision For The Month (From C-3, Page 12, Line C10)	($739)	($486)	($433)	($492)	($348)	($285)	($349)	($300)	($230)	($144)	($92)	($169)	($4,068)
9. True-up & Interest Provision Beginning of Month	($15,859,579)	($11,731,124)	($10,131,660)	($9,763,230)	($9,918,641)	($7,938,202)	($9,662,039)	($8,234,070)	($6,776,803)	($5,621,413)	($3,604,807)	($3,278,232)	($15,859,579)
9a. Deferred True-up Beginning of Period	$1,964,488	$1,964,488	$1,964,488	$1,964,488	$1,964,488	$1,964,488	$1,964,488	$1,964,488	$1,964,488	$1,964,488	$1,964,488	$1,964,488	$1,964,488
10. Prior True-up Collected/(Refunded)	$1,321,632	$1,321,632	$1,321,632	$1,321,632	$1,321,632	$1,321,632	$1,321,632	$1,321,632	$1,321,632	$1,321,632	$1,321,632	$1,321,632	$15,859,579
11. End of Period True-up - Over/(Under) Recovery (Line B7+B8+B9+B9a+B10)	($9,766,636)	($8,167,172)	($7,798,742)	($7,954,153)	($5,973,714)	($7,697,551)	($6,269,582)	($4,812,315)	($3,656,925)	($1,640,319)	($1,313,744)	($3,205,384)	($3,205,385)

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

SCHEDULE: CT-3

JANUARY THROUGH DECEMBER 2014

	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
C. INTEREST PROVISION													
1. Beginning True-up Amount (Line B9 + B9a)	($13,895,091)	($9,766,636)	($8,167,172)	($7,798,742)	($7,954,153)	($5,973,714)	($7,697,551)	($6,269,582)	($4,812,315)	($3,656,925)	($1,640,319)	($1,313,744)	($78,945,945)
2. Ending True-up Amount Before Interest (Line B7+B9+B9a+B10)	($9,765,897)	($8,166,686)	($7,798,309)	($7,953,661)	($5,973,366)	($7,697,266)	($6,269,233)	($4,812,015)	($3,656,695)	($1,640,175)	($1,313,652)	($3,205,215)	($68,252,170)
3. Total of Beginning & Ending True-up (Line C1+C2)	($23,660,988)	($17,933,323)	($15,965,481)	($15,752,402)	($13,927,519)	($13,670,980)	($13,966,785)	($11,081,597)	($8,469,010)	($5,297,100)	($2,953,971)	($4,518,959)	($147,198,115)
4. Average True-up Amount (50% of Line C3)	($11,830,494)	($8,966,661)	($7,982,741)	($7,876,201)	($6,963,759)	($6,835,490)	($6,983,392)	($5,540,798)	($4,234,505)	($2,648,550)	($1,476,985)	($2,259,479)	($73,599,057)
5. Interest Rate - First Day of Reporting Business Month	0.08000%	0.07000%	0.06000%	0.07000%	0.08000%	0.04000%	0.06000%	0.06000%	0.07000%	0.06000%	0.07000%	0.08000%	N/A
6. Interest Rate - First day of Subsequent Business Month	0.07000%	0.06000%	0.07000%	0.08000%	0.04000%	0.06000%	0.06000%	0.07000%	0.06000%	0.07000%	0.08000%	0.10000%	N/A
7. Total (Line C5 + C6)	0.15000%	0.13000%	0.13000%	0.15000%	0.12000%	0.10000%	0.12000%	0.13000%	0.13000%	0.13000%	0.15000%	0.18000%	N/A
8. Average Interest Rate (50% of Line C7)	0.07500%	0.06500%	0.06500%	0.07500%	0.06000%	0.05000%	0.06000%	0.06500%	0.06500%	0.06500%	0.07500%	0.09000%	N/A
9. Monthly Average Interest Rate (Line C8 / 12)	0.00625%	0.00542%	0.00542%	0.00625%	0.00500%	0.00417%	0.00500%	0.00542%	0.00542%	0.00542%	0.00625%	0.00750%	N/A
10. Interest Provision for the Month (Line C4 x C9)	($739)	($486)	($433)	($492)	($348)	($285)	($349)	($300)	($230)	($144)	($92)	($169)	($4,068)

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 2014

	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
1. Residential Home Energy Survey														
1. Investment (Net of Retirements)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
2. Depreciation Base		$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	
3. Depreciation Expense [a]		$8,757	$8,757	$8,757	$8,757	$8,757	$8,757	$8,757	$8,757	$8,757	$8,757	$8,757	$8,757	$105,082
4. Cumulative Investment (Line 2)	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	
5. Less: Accumulated Depreciation [c]	$21,892	$30,649	$39,406	$48,163	$56,920	$65,676	$74,433	$83,190	$91,947	$100,704	$109,461	$118,218	$126,974	
6. Net Investment (Line 4 - 5)	$503,519	$494,763	$486,006	$477,249	$468,492	$459,735	$450,978	$442,221	$433,465	$424,708	$415,951	$407,194	$398,437	
7. Average Net Investment		$499,141	$490,384	$481,627	$472,870	$464,114	$455,357	$446,600	$437,843	$429,086	$420,329	$411,572	$402,816	
8. Return on Average Net Investment														
a. Equity Component [b]		$2,048	$2,012	$1,976	$1,940	$1,904	$1,868	$1,821	$1,786	$1,750	$1,714	$1,678	$1,643	$22,140
b. Equity Component grossed up for taxes (Line 8a/.61425)		$3,334	$3,275	$3,217	$3,158	$3,100	$3,041	$2,965	$2,907	$2,849	$2,791	$2,733	$2,674	$36,044
c. Debt Component (Line 7 * debt rate * 1/12)		$651	$640	$628	$617	$606	$594	$549	$538	$527	$517	$506	$495	$6,869
9.Total Return Requirements (Line 8b + 8c)		$3,985	$3,915	$3,845	$3,775	$3,705	$3,635	$3,514	$3,445	$3,376	$3,307	$3,239	$3,170	$42,912
10. Total Depreciation & Return (Line 3 + 9)		$12,742	$12,672	$12,602	$12,532	$12,462	$12,392	$12,271	$12,202	$12,133	$12,064	$11,995	$11,926	$147,995

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

[b] Monthly Equity Component for Jan-Jun 2014 period is 4.9230% based on the May 2013 Earnings Surveillance and reflects a 10.5% return on equity per PSC Order No. PSC-12-0425-PAA-EU and 4.8938% for the period Jul-Dec 2014 based on the May 2014 Earnings Surveillance Report and reflects a 10.5% ROE, per PSC-12-0425-PAA-EU.

[c] Monthly Debt Component for Jan-Jun is 1.5658% based on the May 2013 Earnings Surveilance Report and reflects a 10.5% ROE,per FPSC Order PSC-12-0425-PAA-EU and 1.4751% for the Jul-Dec 2014 period based on the May 2014 Earnings Surveillance Report and reflects a 10.5% return on equity, per FPSC Order No. PSC-12-0425-PAA-EU.

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 2014

	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
Load Management (Program Nos. 7 & 15)														
1. Investment (Net of Retirements)		($1,012,950)	$120,291	($8,519)	$7,138	$2,592,896	$646,687	$864,024	($6,686,650)	$791,117	$1,063,393	($11,956)	($39,538)	($1,674,067)
2. Depreciation Base		$26,518,082	$26,638,373	$26,629,854	$26,636,992	$29,229,888	$29,876,574	$30,740,598	$24,053,948	$24,845,065	$25,908,459	$25,896,503	$25,856,965	N/A
3. Depreciation Expense [a]		$450,409	$442,970	$443,902	$443,890	$465,557	$492,554	$505,143	$456,621	$407,492	$422,946	$431,708	$431,279	$5,394,472
4. Cumulative Investment (Line 2)	$27,531,032	$26,518,082	$26,638,373	$26,629,854	$26,636,992	$29,229,888	$29,876,574	$30,740,598	$24,053,948	$24,845,065	$25,908,459	$25,896,503	$25,856,965	
5. Less: Accumulated Depreciation	$15,686,111	$15,043,719	$15,486,745	$15,930,647	$16,342,990	$16,787,900	$17,194,885	$17,694,695	$10,527,896	$10,780,990	$11,201,122	$11,573,219	$11,883,273	N/A
6. Net Investment (Line 4 - 5)	$11,844,921	$11,474,363	$11,151,628	$10,699,207	$10,294,001	$12,441,987	$12,681,689	$13,045,903	$13,526,053	$14,064,075	$14,707,337	$14,323,284	$13,973,692	
7. Average Net Investment		$11,659,642	$11,312,995	$10,925,417	$10,496,604	$11,367,994	$12,561,838	$12,863,796	$13,285,978	$13,795,064	$14,385,706	$14,515,310	$14,148,488	
8. Return on Average Net Investment														
a. Equity Component [b]		$47,834	$46,412	$44,822	$43,062	$46,637	$51,535	$52,461	$54,183	$56,259	$58,668	$59,196	$57,700	$618,769
b. Equity Component grossed up for taxes (Line 8a/.61425)		$77,873	$75,558	$72,970	$70,106	$75,925	$83,899	$85,407	$88,210	$91,590	$95,511	$96,372	$93,936	$1,007,357
c. Debt Component (Line 7 * debt rate * 1/12) [c]		$15,214	$14,761	$14,255	$13,696	$14,833	$16,391	$15,813	$16,332	$16,958	$17,684	$17,844	$17,393	$191,175
9.Total Return Requirements (Line 8b + 8c)		$93,087	$90,319	$87,225	$83,801	$90,758	$100,290	$101,220	$104,542	$108,548	$113,196	$114,215	$111,329	$1,198,531
10. Total Depreciation & Return (Line 3 + 9)		$543,496	$533,290	$531,127	$527,692	$556,316	$592,844	$606,363	$561,163	$516,040	$536,142	$545,923	$542,608	$6,593,004
Allocation of Depreciation and Return on Investment E														
Residential On Call Program No. 7 (94.7%)														
Depreciation (Prog #7)		$426,538	$419,493	$420,375	$420,364	$440,883	$466,448	$478,371	$432,420	$385,895	$400,530	$408,827	$408,421	$5,108,565
Return (Prog #7)		$88,136	$85,515	$82,584	$79,342	$85,931	$94,957	$95,838	$98,984	$102,778	$107,179	$108,145	$105,411	$1,134,799
Total (Prog #7)		$514,673	$505,008	$502,960	$499,707	$526,813	$561,405	$574,209	$531,404	$488,672	$507,709	$516,972	$513,832	$6,243,364
Business On Call Program No. 15 (5.3%)														
Depreciation (Prog #15)		$23,872	$23,477	$23,527	$23,526	$24,675	$26,105	$26,773	$24,201	$21,597	$22,416	$22,881	$22,858	$285,907
Return (Prog #15)		$4,951	$4,805	$4,641	$4,459	$4,828	$5,333	$5,382	$5,558	$5,770	$6,017	$6,071	$5,918	$63,732
Total (Prog #15)		$28,823	$28,282	$28,167	$27,985	$29,502	$31,438	$32,155	$29,759	$27,367	$28,433	$28,951	$28,776	$349,639
Total														
Depreciation		$450,409	$442,970	$443,902	$443,890	$465,557	$492,554	$505,143	$456,621	$407,492	$422,946	$431,708	$431,279	$5,394,472
Return		$93,087	$90,319	$87,225	$83,801	$90,758	$100,290	$101,220	$104,542	$108,548	$113,196	$114,215	$111,329	$1,198,531
Total		$543,496	$533,290	$531,127	$527,692	$556,316	$592,844	$606,363	$561,163	$516,040	$536,142	$545,923	$542,608	$6,593,004

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

[b] Monthly Equity Component for Jan-Jun 2014 period is 4.9230% based on the May 2013 Earnings Surveillance and reflects a 10.5% return on equity per PSC Order No. PSC-12-0425-PAA-EU and 4.8938% for the period Jul-Dec 2014 based on the May 2014 Earnings Surveillance Report and reflects a 10.5% ROE, per PSC-12-0425-PAA-EU.

[c] Monthly Debt Component for Jan-Jun is 1.5658% based on the May 2013 Earnings Surveilance Report and reflects a 10.5% ROE,per FPSC Order PSC-12-0425-PAA-EU and 1.4751% for the Jul-Dec 2014 period based on the May 2014 Earnings Surveillance Report and reflects a 10.5% return on equity, per FPSC Order No. PSC-12-0425-PAA-EU.

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 2014

	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
23. Business Photovoltaic for Schools Pilot														
1. Investment (Net of Retirements)		$0	$357,895	$556,059	$794,161	$119,620	$0	$0	$0	$1,409,123	$1,007,775	$7,000	$952,319	$5,203,951
2. Depreciation Base		$1,974,602	$2,332,498	$2,888,556	$3,682,717	$3,802,337	$3,802,337	$3,802,337	$3,802,337	$5,211,460	$6,219,235	$6,226,235	$7,178,554	
3. Depreciation Expense		$32,910	$35,893	$43,509	$54,761	$62,375	$63,372	$63,372	$63,372	$75,115	$95,256	$103,712	$111,707	$805,354
4. Cumulative Investment (Line 2)	$1,974,602	$1,974,602	$2,332,498	$2,888,556	$3,682,717	$3,802,337	$3,802,337	$3,802,337	$3,802,337	$5,211,460	$6,219,235	$6,226,235	$7,178,554	
5. Less: Accumulated Depreciation	$93,608	$126,518	$162,411	$205,920	$260,680	$323,056	$386,428	$449,800	$513,173	$588,288	$683,543	$787,256	$898,962	
6. Net Investment (Line 4 - 5)	$1,880,994	$1,848,084	$2,170,087	$2,682,637	$3,422,037	$3,479,281	$3,415,909	$3,352,537	$3,289,164	$4,623,172	$5,535,691	$5,438,979	$6,279,592	
7. Average Net Investment		$1,864,539	$2,009,085	$2,426,362	$3,052,337	$3,450,659	$3,447,595	$3,384,223	$3,320,850	$3,956,168	$5,079,432	$5,487,335	$5,859,285	
8. Return on Average Net Investment														
a. Equity Component		$7,649	$8,242	$9,954	$12,522	$14,156	$14,144	$13,802	$13,543	$16,134	$20,715	$22,378	$23,895	$177,135
b. Equity Component grossed up for taxes (Line 8a/.61425)		$12,453	$13,418	$16,205	$20,386	$23,047	$23,026	$22,469	$22,048	$26,266	$33,724	$36,432	$38,902	$288,377
c. Debt Component (Line 7 * debt rate * 1/12)		$2,433	$2,621	$3,166	$3,983	$4,502	$4,498	$4,160	$4,082	$4,863	$6,244	$6,746	$7,203	$54,502
9.Total Return Requirements (Line 8b + 8c)		$14,886	$16,040	$19,371	$24,369	$27,549	$27,524	$26,629	$26,130	$31,130	$39,968	$43,178	$46,104	$342,879
10. Total Depreciation & Return (Line 3 + 9)		$47,796	$51,932	$62,880	$79,129	$89,924	$90,897	$90,001	$89,503	$106,245	$135,224	$146,890	$157,811	$1,148,233

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

(b) Monthly Equity Component for Jan-Jun 2014 period is 4.9230% based on the May 2013 Earnings Surveillance and reflects a 10.5% return on equity per PSC Order No. PSC-12-0425-PAA-EU and 4.8938% for the period Jul-Dec 2014 based on the May 2014 Earnings Surveillance Report and reflects a 10.5% ROE, 10.5% ROE, per PSC-12-0425-PAA-EU.

(c) Monthly Debt Component for Jan-Jun is 1.5658% based on the May 2013 Earnings Surveilance Report and reflects a 10.5% ROE,per FPSC Order PSC-12-0425-PAA-EU and 1.4751% for the Jul-Dec 2014 period based on the May 2014 Earnings Surveillance Report and reflects a 10.5% return on equity, per FPSC Order No. PSC-12-0425-PAA-EU.

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 2014

	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
25. Solar Pilot Projects Common Expenses														
1. Investment (Net of Retirements)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
2. Depreciation Base		$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	
3. Depreciation Expense [a]		$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$349,330
4. Cumulative Investment (Line 2)	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	
5. Less: Accumulated Depreciation	$596,771	$625,882	$654,993	$684,104	$713,215	$742,326	$771,436	$800,547	$829,658	$858,769	$887,880	$916,990	$946,101	
6. Net Investment (Line 4 - 5)	$1,149,877	$1,120,766	$1,091,655	$1,062,544	$1,033,433	$1,004,323	$975,212	$946,101	$916,990	$887,879	$858,769	$829,658	$800,547	
7. Average Net Investment		$1,135,321	$1,106,210	$1,077,100	$1,047,989	$1,018,878	$989,767	$960,656	$931,546	$902,435	$873,324	$844,213	$815,102	
8. Return on Average Net Investment														
a. Equity Component [b]		$4,658	$4,538	$4,419	$4,299	$4,180	$4,061	$3,918	$3,799	$3,680	$3,562	$3,443	$3,324	$47,880
b. Equity Component grossed up for taxes (Line 8a/.61425)		$7,583	$7,388	$7,194	$6,999	$6,805	$6,611	$6,378	$6,185	$5,992	$5,798	$5,605	$5,412	$77,949
c. Debt Component (Line 7 * debt rate * 1/12) [c]		$1,481	$1,443	$1,405	$1,367	$1,329	$1,291	$1,181	$1,145	$1,109	$1,074	$1,038	$1,002	$14,867
9.Total Return Requirements (Line 8b + 8c)		$9,064	$8,832	$8,599	$8,367	$8,134	$7,902	$7,559	$7,330	$7,101	$6,872	$6,643	$6,414	$92,816
10. Total Depreciation & Return (Line 3 + 9)		$38,175	$37,942	$37,710	$37,478	$37,245	$37,013	$36,670	$36,441	$36,212	$35,983	$35,754	$35,525	$442,146

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

[b] Monthly Equity Component for Jan-Jun 2014 period is 4.9230% based on the May 2013 Earnings Surveillance and reflects a 10.5% return on equity per PSC Order No. PSC-12-0425-PAA-EU and 4.8938% for the period Jul-Dec 2014 based on the May 2014 Earnings Surveillance Report and reflects a 10.5% ROE, 10.5% ROE, per PSC-12-0425-PAA-EU.

[c] Monthly Debt Component for Jan-Jun is 1.5658% based on the May 2013 Earnings Surveilance Report and reflects a 10.5% ROE,per FPSC Order PSC-12-0425-PAA-EU and 1.4751% for the Jul-Dec 2014 period based on the May 2014 Earnings Surveillance Report and reflects a 10.5% return on equity, per FPSC Order No. PSC-12-0425-PAA-EU.

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 2014

	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
28. Common Expenses														
1. Investment (Net of Retirements)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
2. Depreciation Base		$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	
3. Depreciation Expense [(a)]		$168,733	$151,401	$151,401	$151,401	$151,401	$151,401	$151,401	$151,401	$151,401	$151,401	$151,401	$151,401	$1,834,148
4. Cumulative Investment (Line 2)	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	$9,084,082	
5. Less: Accumulated Depreciation	$4,072,035	$4,240,768	$4,392,169	$4,543,570	$4,694,972	$4,846,373	$4,997,774	$5,149,176	$5,300,577	$5,451,979	$5,603,380	$5,754,781	$5,906,183	
6. Net Investment (Line 4 - 5)	$5,012,047	$4,843,315	$4,691,913	$4,540,512	$4,389,111	$4,237,709	$4,086,308	$3,934,906	$3,783,505	$3,632,104	$3,480,702	$3,329,301	$3,177,900	
7. Average Net Investment		$4,927,681	$4,767,614	$4,616,213	$4,464,811	$4,313,410	$4,162,008	$4,010,607	$3,859,206	$3,707,804	$3,556,403	$3,405,002	$3,253,600	
8. Return on Average Net Investment														
a. Equity Component [(b)]		$20,216	$19,559	$18,938	$18,317	$17,696	$17,075	$16,356	$15,739	$15,121	$14,504	$13,886	$13,269	$200,675
b. Equity Component grossed up for taxes (Line 8a/.61425)		$32,911	$31,842	$30,831	$29,820	$28,809	$27,798	$26,628	$25,622	$24,617	$23,612	$22,607	$21,602	$326,699
c. Debt Component (Line 7 * debt rate * 1/12) [(c)]		$6,430	$6,221	$6,023	$5,826	$5,628	$5,431	$4,930	$4,744	$4,558	$4,372	$4,186	$4,000	$62,348
9.Total Return Requirements (Line 8b + 8c)		$39,341	$38,063	$36,854	$35,646	$34,437	$33,228	$31,558	$30,367	$29,175	$27,984	$26,793	$25,601	$389,047
10. Total Depreciation & Return (Line 3 + 9)		$208,074	$189,464	$188,256	$187,047	$185,838	$184,629	$182,959	$181,768	$180,577	$179,385	$178,194	$177,003	$2,223,195

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

[(b)] Monthly Equity Component for Jan-Jun 2014 period is 4.9230% based on the May 2013 Earnings Surveillance and reflects a 10.5% return on equity per PSC Order No. PSC-12-0425-PAA-EU and 4.8938% for the period Jul-Dec 2014 based on the May 2014 Earnings Surveillance Report and reflects a 10.5% ROE, per PSC-12-0425-PAA-EU.

[(c)] Monthly Debt Component for Jan-Jun is 1.5658% based on the May 2013 Earnings Surveilance Report and reflects a 10.5% ROE,per FPSC Order PSC-12-0425-PAA-EU and 1.4751% for the Jul-Dec 2014 period based on the May 2014 Earnings Surveillance Report and reflects a 10.5% return on equity, per FPSC Order No. PSC-12-0425-PAA-EU.

Totals may not add due to rounding.

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

SCHEDULE: CT-4

FLORIDA POWER & LIGHT COMPANY
Schedule of Return on Advanced Capacity Payment
Solid Waste Authority
For the Period January through December 2014

Line No.	Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total	Line No.
1.	Advance Capacity Payment - Jurisdictional Amount (a)		53,928,932	53,928,932	53,928,932	53,928,932	53,928,932	53,928,932	53,928,932	53,928,932	53,928,932	53,928,932	53,928,932	53,928,932	n/a	1.
2.	Advance Capacity Payment accumulated expense		4,494,078	8,988,156	13,482,234	17,976,312	22,470,390	26,964,468	31,458,546	35,952,624	40,446,702	44,940,780	49,434,858	53,928,936	n/a	2.
3.	Unrecovered SWA balance (Line 1 - 2)	$ -	$ 49,434,854	$ 44,940,776	$ 40,446,698	$ 35,952,620	$ 31,458,542	$ 26,964,464	$ 22,470,386	$ 17,976,308	$ 13,482,230	$ 8,988,152	$ 4,494,074	$ (4)	n/a	3.
4.	Average Advanced Capacity Payments		$ 24,717,427	$ 47,187,815	$ 42,693,737	$ 38,199,659	$ 33,705,581	$ 29,211,503	$ 24,717,425	$ 20,223,347	$ 15,729,269	$ 11,235,191	$ 6,741,113	$ 2,247,035	n/a	4.
5.	Return on Average Advance Capacity Payments															5.
a.	Equity Component (b)		101,403	193,588	175,151	156,714	138,277	119,840	100,803	82,475	64,147	45,819	27,492	9,164		
b.	Equity Comp. grossed up for taxes (Line 8a/.61425)		165,085	315,162	285,146	255,131	225,115	195,100	164,107	134,269	104,432	74,594	44,756	14,919	1,977,815	
c.	Debt Component(Line 7 * x.xxxx% /12) (c)		32,251	61,571	55,707	49,843	43,979	38,115	30,385	24,861	19,336	13,811	8,287	2,762	380,908	
6.	Advanced Capacity Payment Expense		4,494,078	4,494,078	4,494,078	4,494,078	4,494,078	4,494,078	4,494,078	4,494,078	4,494,078	4,494,078	4,494,078	4,494,078		6.
7.	Total System Recoverable Expenses (Lines 5 & 6)		4,691,414	4,870,810	4,834,931	4,799,052	4,763,172	4,727,293	4,688,570	4,653,208	4,617,846	4,582,483	4,547,121	4,511,759	56,287,660	7.

(a) As approved on Docket No. 110018-EU Order No. PSC-11-0293-FOF-EU

(b) The monthly Equity Component for the Jan - Jun. 2014 period is 4.9230% based on the May 2013 Earnings Surveillance Report and reflects a 10.5% return on equity, per FPSC Order No. PSC-12-0425-PAA-EU and 4.8938% for the period of Jul- Dec 2014 based on the May 2014 Earnings Surveillance Report and reflects a 10.5% ROE, per FPSC Order No. PSC-12-0425-PAA-EU.

(c) The Debt Component for the Jan. - Jun. 2014 period is 1.5658% based on the May 2013 Earnings Surveillance Report and reflects a 10.5% ROE, per FPSC Order No. PSC-12-0425-PAA-EU and 1.4751% for the Jul - Dec 2014 period based on the May 2014 Earnings Surveillance Report and reflects a 10.5% return on equity, per FPSC Order No. PSC-12-0425-PAA-EU.

TOTAL MAY NOT FOOT DUE TO ROUNDING

Schedule	**Sponsored By**
C-1, Pages 1 - 3 of 3	Terry J. Keith
C-2, Pages 1 - 2 of 7	Anita Sharma
C-2, Pages 3 - 7 of 7	Terry J. Keith
C-3, Pages 1 - 4 of 12	Anita Sharma
C-3, Pages 5 - 9 of 12	Terry J. Keith
C-3, Page 10 of 12	Anita Sharma
C-3, Pages 11 - 12 of 12	Terry J. Keith
C-4, Page 1 of 1	Terry J. Keith
C-5, Pages 1 - 5 of 5	Anita Sharma

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 150002-EG EXHIBIT: 5
PARTY: FLORIDA POWER & LIGHT COMPANY (FPL) – DIRECT
DESCRIPTION: Terry J. Keith AS-2

FLORIDA POWER & LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
SUMMARY OF ECCR CALCULATION

SCHEDULE: C-1

ESTIMATED FOR THE PERIOD OF: JANUARY 2016 THROUGH DECEMBER 2016

	Total Costs
1. Projected Costs (Schedule C-2, pg 1, line 20)	173,255,538
2. True-up Over/(Under) Recoveries (Schedule C-3, pg 11, line 11)	(17,957,961)
3. Subtotal (line 1 minus line 2)	191,213,498
4. Less Load Management Incentives Not Subject To Revenue Taxes [a]	103,519,869
5. Project Costs Subject To Revenue Taxes (line 3 minus line 4)	87,693,629
6. Revenue Tax Multiplier	1.00072
7. Subtotal (line 5 * line 6)	87,756,769
8. Total Recoverable Costs (line 7+ line 4)	191,276,638
9. Total Cost	191,276,638
10. Energy Related Costs	54,284,310
11. Demand-Related Costs (total)	136,992,328
12. Demand costs allocated on 12 CP (Line 11/13 * 12)	126,454,457
13. Demand Costs allocated on 1/13 th (Line 11/13)	10,537,871

[a] (Schedule C-2, pg 2, Rebates Column, Program Nos. 6,11,12,13)

Costs are split in proportion to the current period split of demand-related (71.62%) and energy-related (28.38%) costs. The allocation of ECCR costs between demand and energy is shown on schedule C-2, page 1, and is consistent with the methodology set forth in Order No. PSC-93-1845-FOF-EG.

Totals may not add due to rounding.

FLORIDA POWER & LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
CALCULATION OF ENERGY DEMAND ALLOCATION % BY RATE CLASS

SCHEDULE: C-1

ESTIMATED FOR THE PERIOD OF: JANUARY 2016 THROUGH DECEMBER 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
RATE CLASS	AVG 12CP Load Factor at Meter (%) [a]	Projected Sales at Meter (kwh) [b]	Projected AVG 12CP at Meter (kW) [c]	Demand Loss Expansion Factor [d]	Energy Loss Expansion Factor [e]	Projected Sales at Generation (kwh) [f]	Projected AVG 12CP at Generation (kW) [g]	Percentage of Sales at Generation (%) [h]	Percentage of Demand at Generation (%) [i]
RS1/RTR1	61.852%	59,217,744,919	10,929,287	1.07403231	1.05682939	62,583,053,240	11,738,407	54.20416%	59.09185%
GS1/GST1/WIES1	66.247%	5,968,723,003	1,028,515	1.07403231	1.05682939	6,307,921,890	1,104,658	5.46339%	5.56092%
GSD1/GSDT1/HLFT1	73.676%	25,780,251,707	3,994,442	1.07391916	1.05674326	27,243,107,232	4,289,708	23.59568%	21.59465%
OS2	91.626%	10,815,996	1,348	1.06416126	1.02711572	11,109,280	1,434	0.00962%	0.00722%
GSLD1/GSLDT1/CS1/CST1/HLFT2	74.079%	10,617,262,134	1,636,121	1.07248674	1.05568781	11,208,514,210	1,754,718	9.70787%	8.83336%
GSLD2/GSLDT2/CS2/CST2/HLFT3	88.522%	2,553,194,139	329,253	1.06126026	1.04667484	2,672,364,067	349,423	2.31458%	1.75902%
GSLD3/GSLDT3/CS3/CST3	86.943%	163,603,794	21,481	1.02151776	1.01703760	166,391,210	21,943	0.14411%	0.11046%
SST1T	101.745%	84,383,192	9,468	1.02151776	1.01703760	85,820,879	9,672	0.07433%	0.04869%
SST1D1/SST1D2/SST1D3	79.432%	14,030,773	2,016	1.03475918	1.02711572	14,411,228	2,086	0.01248%	0.01050%
CILC D/CILC G	88.215%	2,774,212,820	359,001	1.05938613	1.04601130	2,901,857,958	380,321	2.51334%	1.91456%
CILC T	92.778%	1,352,648,209	166,431	1.02151776	1.01703760	1,375,694,088	170,012	1.19151%	0.85585%
MET	72.219%	90,613,286	14,323	1.03475918	1.02711572	93,070,330	14,821	0.08061%	0.07461%
OL1/SL1/PL1	581.721%	637,607,559	12,512	1.07403231	1.05682939	673,842,408	13,438	0.58363%	0.06765%
SL2, GSCU1	99.882%	114,374,076	13,072	1.07403231	1.05682939	120,873,885	14,040	0.10469%	0.07068%
Total		109,379,465,607	18,517,270			115,458,031,906	19,864,682	100.00000%	100.00000%

[a] AVG 12 CP load factor based on 2012-2014 load research data and 2016 projection.

[b] Projected kwh sales for the period January 2016 through December 2016

[c] Calculated: Col (3)/(8760 hours * Col (2)) , 8760 hours = annual hours

[d] Based on projected 2016 demand losses.

[e] Based on projected 2016 energy losses.

[f] Col (3) * Col (6)

[g] Col (4) * Col (5)

[h] Col (7) / total for Col (7)

[i] Col (8) / total for Col (8)

Totals may not add due to rounding.

FLORIDA POWER & LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
CALCULATION OF ENERGY CONSERVATION FACTORS

SCHEDULE: C-1

ESTIMATED FOR THE PERIOD OF: JANUARY 2016 THROUGH DECEMBER 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
RATE CLASS	Percentage of Sales at Generation (%) [a]	Percentage of Demand at Generation (%) [b]	Demand Allocation 12CP ($) [c]	Demand Allocation 1/13th ($) [d]	Energy Allocation ($) [e]	Total Recoverable Costs ($) [f]	Projected Sales at Meter (kwh) [g]	Billing KW Load Factor (%) [h]	Projected Billed KW at Meter (kw) [i]	Conservation Recovery Factor ($/kw) [j]	Conservation Recovery Factor ($/kwh) [k]	RDC ($/KW) [l]	SDD ($/KW) [m]
RS1/RTR1	54.20416%	59.09185%	$74,724,273	$5,711,964	$29,424,353	$109,860,590	59,217,744,919	-	-	-	0.00186	-	-
GS1/GST1/WIES1	5.46339%	5.56092%	$7,032,027	$575,725	$2,965,763	$10,573,515	5,968,723,003	-	-	-	0.00177	-	-
GSD1/GSDT1/HLFT1	23.59568%	21.59465%	$27,307,393	$2,486,482	$12,808,752	$42,602,627	25,780,251,707	50.29620%	70,214,878	0.61	-	-	-
OS2	0.00962%	0.00722%	$9,132	$1,014	$5,223	$15,369	10,815,996	-	-	-	0.00142	-	-
GSLD1/GSLDT1/CS1/CST1/HLFT2	9.70787%	8.83336%	$11,170,172	$1,023,003	$5,269,850	$17,463,025	10,617,262,134	56.87303%	25,573,095	0.68	-	-	-
GSLD2/GSLDT2/CS2/CST2/HLFT3	2.31458%	1.75902%	$2,224,355	$243,907	$1,256,452	$3,724,714	2,553,194,139	65.98302%	5,300,646	0.70	-	-	-
GSLD3/GSLDT3/CS3/CST3	0.14411%	0.11046%	$139,686	$15,187	$78,231	$233,104	163,603,794	68.98596%	324,870	0.72	-	-	-
SST1T	0.07433%	0.04869%	$61,568	$7,833	$40,350	$109,751	84,383,192	11.32691%	1,020,521	-	-	$0.08	$0.04
SST1D1/SST1D2/SST1D3	0.01248%	0.01050%	$13,280	$1,315	$6,776	$21,370	14,030,773	29.32716%	65,537	-	-	$0.08	$0.04
CILC D/CILC G	2.51334%	1.91456%	$2,421,043	$264,853	$1,364,352	$4,050,247	2,774,212,820	74.33765%	5,112,203	0.79	-	-	-
CILC T	1.19151%	0.85585%	$1,082,263	$125,560	$646,803	$1,854,625	1,352,648,209	76.58192%	2,419,556	0.77	-	-	-
MET	0.08061%	0.07461%	$94,347	$8,495	$43,758	$146,599	90,613,286	64.97996%	191,025	0.77	-	-	-
OL1/SL1/PL1	0.58363%	0.06765%	$85,545	$61,502	$316,817	$463,864	637,607,559	-	-	-	0.00073	-	-
SL2, GSCU1	0.10469%	0.07068%	$89,374	$11,032	$56,831	$157,237	114,374,076	-	-	-	0.00137	-	-
Total			$126,454,457	$10,537,871	$54,284,310	$191,276,638	109,379,465,607		110,222,331				

[a] Obtained from Schedule C-1, page 2, Col (9)
[b] Obtained from Schedule C-1, page 2, Col (10)
[c] Total from C-1,page 1, line 12 X Col (3)
[d] Total from C-1,page 1, line 13 X Col (2)
[e] Total from C-1, page 1, line 10 X Col (2)
[f] Total Conservation Costs
[g] Projected kwh sales for the period January 2016 through December 2016, From C-1 Page 2, Total of Column 3
[h] Based on 2012-2014 load research data and 2016 projections
[i] Col (8) /(Col(9)*730)
[j] Col (7) / Col (10)
[k] Col (7) / Col (8)
[l] (C-1 pg 3, total col 7)/(C-1, pg 2, total col 8)(.10) (C-1, pg 2, col 5) / 12
[m] (C-1 pg 3, total col 7/C-1, pg 2, total col 8/(21 onpk days) (C-1, pg 2 , col 5))/ 12

Note: There are currently no customers taking service on Schedules ISST1(D) and ISST1(T). Should any customer begin taking service on these schedules during the period, they will be billed using the applicable SST1 factor.

Note: Totals may not add due to rounding.

FLORIDA POWER & LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
SUMMARY OF ECCR CALCULATION

SCHEDULE: C-2

ESTIMATED FOR THE PERIOD OF: JANUARY 2016 THROUGH DECEMBER 2016

PROGRAM TITLE	Method of Classification		Monthly Data												
	Energy	Demand	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
1. Residential Home Energy Survey	$13,299,478		$576,470	$549,893	$499,765	$532,496	$577,046	$900,195	$2,134,281	$2,672,920	$2,431,440	$1,536,025	$475,050	$413,897	$13,299,478
2. Residential Ceiling Insulation[(1)]	$962,820		$67,116	$56,803	$90,149	$72,984	$70,846	$92,074	$81,178	$102,065	$100,762	$93,804	$77,541	$57,498	$962,820
3. Residential Air Conditioning	$12,208,060		$860,796	$676,842	$920,088	$1,008,672	$1,191,298	$1,422,282	$1,204,871	$1,168,036	$1,115,260	$981,253	$897,861	$760,802	$12,208,060
4. Residential New Construction (BuildSmart®)	$599,502		$46,167	$50,903	$58,714	$54,776	$50,525	$48,648	$52,606	$50,203	$47,489	$46,576	$46,459	$46,435	$599,502
5. Residential Low-Income Weatherization	$741,024		$59,082	$61,504	$71,297	$59,579	$63,300	$60,468	$59,691	$62,410	$61,364	$59,661	$62,221	$60,447	$741,024
6. Residential Load Management ("On Call")		$50,909,923	$3,396,553	$3,362,847	$3,095,528	$4,388,951	$4,812,002	$5,086,861	$4,897,450	$4,933,674	$4,985,904	$4,817,162	$3,464,905	$3,668,086	$50,909,923
7. Business Energy Evaluation	$8,834,974		$456,137	$513,080	$546,983	$496,926	$518,323	$698,253	$1,122,612	$1,343,485	$1,391,738	$821,422	$479,508	$446,508	$8,834,974
8.. Business Efficient Lighting	$379,575		$27,458	$34,659	$36,678	$27,699	$36,283	$34,401	$41,732	$28,487	$28,093	$27,699	$28,293	$28,093	$379,575
9. Business Heating, Ventilating & A/C	$5,748,884		$468,146	$487,884	$495,166	$466,541	$494,695	$481,573	$510,745	$469,755	$468,718	$469,417	$468,440	$467,807	$5,748,884
10. Business Custom Incentive	$178,619		$14,527	$14,570	$15,171	$14,678	$15,187	$14,924	$14,678	$15,171	$15,187	$14,678	$14,924	$14,925	$178,619
11. Business On Call		$4,176,572	$55,126	$51,534	$77,627	$551,933	$600,063	$596,492	$594,975	$584,824	$579,093	$340,758	$94,588	$49,560	$4,176,572
12. Commercial/Industrial Load Control		$41,638,915	$2,766,055	$2,756,369	$3,163,475	$2,976,674	$2,894,510	$5,629,389	$3,005,303	$2,978,233	$3,558,540	$2,973,324	$3,530,556	$5,406,487	$41,638,915
13. Commercial/Industrial Demand Reduction		$20,241,362	$1,422,622	$1,357,923	$1,389,748	$1,515,443	$1,721,314	$1,834,483	$1,897,309	$1,943,633	$1,973,836	$1,957,772	$1,692,411	$1,534,867	$20,241,362
14. Business Photovoltaic for Schools Pilot	$2,383,722		$205,188	$203,998	$202,808	$201,618	$200,429	$199,239	$198,049	$196,859	$195,669	$194,479	$193,289	$192,099	$2,383,722
15. Solar Pilot Projects Common Expenses	$375,153		$32,509	$32,282	$32,056	$31,829	$31,603	$31,376	$31,149	$30,923	$30,696	$30,470	$30,243	$30,017	$375,153
16. Cogeneration & Small Power Production	$388,774		$31,245	$29,564	$33,999	$32,037	$31,782	$33,018	$33,274	$32,763	$33,018	$32,037	$31,782	$34,255	$388,774
17. Conservation Research & Development	$254,817		$34,092	$34,106	$55,984	$34,139	$1,677	$23,369	$1,601	$19,830	$16,139	$1,601	$16,139	$16,140	$254,817
18. Common Expenses	$2,819,366	$7,113,997	$874,708	$818,715	$1,059,809	$793,317	$781,876	$806,002	$743,624	$797,237	$807,303	$831,681	$836,330	$782,762	$9,933,363
19. Subtotal All Programs	$49,174,770	$124,080,769	$11,393,995	$11,093,475	$11,845,045	$13,260,292	$14,092,759	$17,993,046	$16,625,127	$17,430,507	$17,840,250	$15,229,818	$12,440,540	$14,010,685	$173,255,538
20. Recoverable Conservation Expenses	$49,174,770	$124,080,769	$11,393,995	$11,093,475	$11,845,045	$13,260,292	$14,092,759	$17,993,046	$16,625,127	$17,430,507	$17,840,250	$15,229,818	$12,440,540	$14,010,685	$173,255,538

Note: (1) Residential Building Envelope renamed Residential Ceiling Insulation in 2016
Totals may not add due to rounding.

FLORIDA POWER & LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
SUMMARY OF ECCR CALCULATION

SCHEDULE: C-2

ESTIMATED FOR THE PERIOD OF: JANUARY 2016 THROUGH DECEMBER 2016

PROGRAM TITLE	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	Total for Period
1. Residential Home Energy Survey	$147,392	$4,004,528	$32,000	$1,517,775	$6,935,229		$99,297	$563,258	$13,299,478
2. Residential Ceiling Insulation[(1)]		$137,118		$14,726		$800,745		$10,231	$962,820
3. Residential Air Conditioning		$1,149,202		$121,215		$10,720,594	$61,106	$155,943	$12,208,060
4. Residential New Construction (BuildSmart®)		$431,099		$84,522		$24,000		$59,881	$599,502
5. Residential Low-Income Weatherization		$223,232		$1,064		$417,500	$15,276	$83,951	$741,024
6. Residential Load Management ("On Call")	$7,770,679	$1,740,665	($2,703,763)	$4,747,408		$38,787,845	$34,876	$532,212	$50,909,923
7. Business Energy Evaluation		$4,639,869	$24,000	$791,571	$2,877,956		$27,841	$473,736	$8,834,974
8.. Business Efficient Lighting		$102,465		$41,389		$223,516		$12,205	$379,575
9. Business Heating, Ventilating & A/C		$328,701		$142,842		$5,175,750	$7,794	$93,797	$5,748,884
10. Business Custom Incentive		$64,152				$110,000		$4,467	$178,619
11. Business On Call	$400,382	$143,238	($146,000)	$170,649		$3,578,169	$374	$29,759	$4,176,572
12. Commercial/Industrial Load Control		$207,567	$25,742	$32,220		$41,320,490	$185	$52,711	$41,638,915
13. Commercial/Industrial Demand Reduction		$298,464	$17,058	$16,010		$19,833,365	$192	$76,273	$20,241,362
14. Business Photovoltaic for Schools Pilot	$2,383,722								$2,383,722
15. Solar Pilot Projects Common Expenses	$375,153								$375,153
16. Cogeneration & Small Power Production		$586,446		$3,553				($201,224)	$388,774
17. Conservation Research & Development		$19,817		$235,000					$254,817
18. Common Expenses	$1,579,856	$6,387,821		$904,084			$7,200	$1,054,402	$9,933,363
19. Subtotal All Programs	$12,657,185	$20,464,384	($2,750,963)	$8,824,028	$9,813,185	$120,991,974	$254,141	$3,001,603	$173,255,538
20. Recoverable Conservation Expenses	$12,657,185	$20,464,384	($2,750,963)	$8,824,028	$9,813,185	$120,991,974	$254,141	$3,001,603	$173,255,538

Note: (1) Residential Building Envelope renamed Residential Ceiling Insulation in 2016
Totals may not add due to rounding.

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

SCHEDULE: C-2

ESTIMATED FOR THE PERIOD OF: JANUARY 2016 THROUGH DECEMBER 2016

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
1. Residential Home Energy Survey														
1. Investment (Net of Retirements)		$5,284	$5,284	$5,919	$5,433	$5,676	$5,676	$5,433	$5,919	$5,676	$5,433	$5,676	$5,676	$67,084
2. Depreciation Base		$567,439	$572,723	$578,642	$584,075	$589,751	$595,427	$600,860	$606,778	$612,454	$617,887	$623,563	$629,239	
3. Depreciation Expense [a]		$9,413	$9,501	$9,595	$9,689	$9,782	$9,876	$9,969	$10,064	$10,160	$10,253	$10,345	$10,440	$119,088
4. Cumulative Investment (Line 2)	$562,155	$567,439	$572,723	$578,642	$584,075	$589,751	$595,427	$600,860	$606,778	$612,454	$617,887	$623,563	$629,239	
5. Less: Accumulated Depreciation	$233,894	$243,307	$252,808	$262,403	$272,092	$281,874	$291,751	$301,720	$311,783	$321,944	$332,197	$342,542	$352,982	
6. Net Investment (Line 4 - 5)	$328,261	$324,132	$319,915	$316,239	$311,983	$307,877	$303,676	$299,140	$294,995	$290,511	$285,691	$281,021	$276,257	
7. Average Net Investment		$326,196	$322,023	$318,077	$314,111	$309,930	$305,776	$301,408	$297,067	$292,753	$288,101	$283,356	$278,639	
8. Return on Average Net Investment														
a. Equity Component [b]		$1,310	$1,294	$1,278	$1,262	$1,245	$1,228	$1,211	$1,193	$1,176	$1,157	$1,138	$1,119	
b. Equity Component grossed up for taxes (Line 8a/.61425)		$2,133	$2,106	$2,080	$2,054	$2,027	$2,000	$1,971	$1,943	$1,914	$1,884	$1,853	$1,822	$23,787
c. Debt Component (Line 7 * debt rate * 1/12) [c]		$405	$400	$395	$390	$385	$380	$374	$369	$364	$358	$352	$346	$4,518
9.Total Return Requirements (Line 8b + 8c)		$2,538	$2,506	$2,475	$2,444	$2,412	$2,379	$2,345	$2,312	$2,278	$2,242	$2,205	$2,168	$28,304
10. Total Depreciation & Return (Line 3 + 9)		$11,952	$12,007	$12,070	$12,133	$12,194	$12,256	$12,314	$12,375	$12,438	$12,495	$12,550	$12,608	$147,392

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

[b] Monthly Equity component for Jan-Dec is 4.8938% based on the May 2014 ROR Surveillance Report and reflects a 10.5% return on equity per Order No. PSC 12-0425-PAA-EU.

[c] Debt component for Jan-Dec is 1.4751% based on May 2014 ROR Surveillance Report, per PSC-12-0425-PAA-EU

Totals may not add due to rounding.

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

SCHEDULE: C-2

ESTIMATED FOR THE PERIOD OF: JANUARY 2016 THROUGH DECEMBER 2016

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
Load Management (Program Nos. 6 & 11)														
1. Investment (Net of Retirements)		($8,569)	$53,625	$1,218,941	$1,244,068	$1,223,581	($6,775,462)	$1,342,273	$1,238,067	$1,253,834	$1,175,800	($79,826)	($11,255)	$1,875,077
2. Depreciation Base		$31,483,498	$31,537,124	$32,756,065	$34,000,133	$35,223,713	$28,448,251	$29,790,524	$31,028,591	$32,282,425	$33,458,225	$33,378,399	$33,367,144	
3. Depreciation Expense [a]		$524,796	$525,172	$535,777	$556,302	$576,865	$530,600	$485,323	$506,826	$527,592	$547,839	$556,972	$556,213	$6,430,276
4. Cumulative Investment (Line 2)	$31,492,067	$31,483,498	$31,537,124	$32,756,065	$34,000,133	$35,223,713	$28,448,251	$29,790,524	$31,028,591	$32,282,425	$33,458,225	$33,378,399	$33,367,144	
5. Less: Accumulated Depreciation	$14,930,138	$15,392,740	$15,917,911	$16,390,872	$16,922,890	$17,454,985	$9,941,772	$10,380,360	$10,748,699	$11,275,180	$11,743,874	$12,140,581	$12,658,727	
6. Net Investment (Line 4 - 5)	$16,561,930	$16,090,759	$15,619,212	$16,365,193	$17,077,242	$17,768,728	$18,506,480	$19,410,165	$20,279,892	$21,007,245	$21,714,351	$21,237,817	$20,708,417	
7. Average Net Investment		$16,326,344	$15,854,985	$15,992,203	$16,721,218	$17,422,985	$18,137,604	$18,958,322	$19,845,028	$20,643,569	$21,360,798	$21,476,084	$20,973,117	
8. Return on Average Net Investment														
a. Equity Component [b]		$65,580	$63,686	$64,237	$67,166	$69,985	$72,855	$76,152	$79,714	$82,921	$85,802	$86,265	$84,245	
b. Equity Component grossed up for taxes (Line 8a/.61425)		$106,764	$103,681	$104,579	$109,346	$113,935	$118,608	$123,975	$129,774	$134,996	$139,686	$140,440	$137,151	$1,462,934
c. Debt Component (Line 7 * debt rate * 1/12) [c]		$20,277	$19,692	$19,862	$20,768	$21,639	$22,527	$23,546	$24,648	$25,639	$26,530	$26,673	$26,049	$277,851
9.Total Return Requirements (Line 8b + 8c)		$127,041	$123,373	$124,441	$130,114	$135,574	$141,135	$147,521	$154,421	$160,635	$166,216	$167,113	$163,199	$1,740,785
10. Total Depreciation & Return (Line 3 + 9)		$651,838	$648,545	$660,218	$686,415	$712,440	$671,735	$632,845	$661,247	$688,227	$714,055	$724,085	$719,412	$8,171,061
Allocation of Depreciation and Return on Investment Between Programs														
Residential On Call Program No. 6 (94.7%)														
Depreciation (Prog #6)		$499,081	$499,438	$509,524	$529,043	$548,599	$504,600	$461,542	$481,992	$501,740	$520,995	$529,680	$528,958	$6,115,193
Return (Prog #6)		$120,816	$117,328	$118,343	$123,738	$128,931	$134,220	$140,293	$146,855	$152,764	$158,071	$158,925	$155,203	$1,655,486
Total (Prog #6)		$619,897	$616,766	$627,867	$652,781	$677,530	$638,820	$601,835	$628,846	$654,504	$679,066	$688,605	$684,161	$7,770,679
Business On Call Program No. 11 (5.3%)														
Depreciation (Prog #11)		$25,715	$25,733	$26,253	$27,259	$28,266	$25,999	$23,781	$24,834	$25,852	$26,844	$27,292	$27,254	$315,084
Return (Prog #11)		$6,225	$6,045	$6,098	$6,376	$6,643	$6,916	$7,229	$7,567	$7,871	$8,145	$8,189	$7,997	$85,298
Total (Prog #11)		$31,940	$31,779	$32,351	$33,634	$34,910	$32,915	$31,009	$32,401	$33,723	$34,989	$35,480	$35,251	$400,382
Total														
Depreciation		$524,796	$525,172	$535,777	$556,302	$576,865	$530,600	$485,323	$506,826	$527,592	$547,839	$556,972	$556,213	$6,430,276
Return		$127,041	$123,373	$124,441	$130,114	$135,574	$141,135	$147,521	$154,421	$160,635	$166,216	$167,113	$163,199	$1,740,785
Total		$651,838	$648,545	$660,218	$686,415	$712,440	$671,735	$632,845	$661,247	$688,227	$714,055	$724,085	$719,412	$8,171,061

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

[b] Monthly Equity component for Jan-Dec is 4.8938% based on the May 2014 ROR Surveillance Report and reflects a 10.5% return on equity per Order No. PSC 12-0425-PAA-EU.

[c] Debt component for Jan-Dec is 1.4751% based on May 2014 ROR Surveillance Report, per PSC-12-0425-PAA-EU

Totals may not add due to rounding.

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

SCHEDULE: C-2

ESTIMATED FOR THE PERIOD OF: JANUARY 2016 THROUGH DECEMBER 2016

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
14. Business Photovoltaic for Schools Pilot														
1. Investment (Net of Retirements)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
2. Depreciation Base		$9,175,659	$9,175,659	$9,175,659	$9,175,659	$9,175,659	$9,175,659	$9,175,659	$9,175,659	$9,175,659	$9,175,659	$9,175,659	$9,175,659	
3. Depreciation Expense [a]		$152,928	$152,928	$152,928	$152,928	$152,928	$152,928	$152,928	$152,928	$152,928	$152,928	$152,928	$152,928	$1,835,132
4. Cumulative Investment (Line 2)	$9,175,659	$9,175,659	$9,175,659	$9,175,659	$9,175,659	$9,175,659	$9,175,659	$9,175,659	$9,175,659	$9,175,659	$9,175,659	$9,175,659	$9,175,659	
5. Less: Accumulated Depreciation	$2,383,040	$2,535,968	$2,688,896	$2,841,823	$2,994,751	$3,147,679	$3,300,606	$3,453,534	$3,606,462	$3,759,389	$3,912,317	$4,065,245	$4,218,172	
6. Net Investment (Line 4 - 5)	$6,792,619	$6,639,691	$6,486,763	$6,333,836	$6,180,908	$6,027,980	$5,875,053	$5,722,125	$5,569,197	$5,416,270	$5,263,342	$5,110,414	$4,957,487	
7. Average Net Investment		$6,716,155	$6,563,227	$6,410,300	$6,257,372	$6,104,444	$5,951,517	$5,798,589	$5,645,661	$5,492,734	$5,339,806	$5,186,878	$5,033,951	
8. Return on Average Net Investment														
a. Equity Component [b]		$26,977	$26,363	$25,749	$25,135	$24,520	$23,906	$23,292	$22,677	$22,063	$21,449	$20,835	$20,220	
b. Equity Component grossed up for taxes (Line 8a/.61425)		$43,919	$42,919	$41,919	$40,919	$39,919	$38,919	$37,919	$36,919	$35,919	$34,919	$33,919	$32,919	$461,029
c. Debt Component (Line 7 * debt rate * 1/12) [c]		$8,341	$8,152	$7,962	$7,772	$7,582	$7,392	$7,202	$7,012	$6,822	$6,632	$6,442	$6,252	$87,562
9.Total Return Requirements (Line 8b + 8c)		$52,261	$51,071	$49,881	$48,691	$47,501	$46,311	$45,121	$43,931	$42,741	$41,551	$40,361	$39,171	$548,591
10. Total Depreciation & Return (Line 3 + 9)		$205,188	$203,998	$202,808	$201,618	$200,429	$199,239	$198,049	$196,859	$195,669	$194,479	$193,289	$192,099	$2,383,722

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

[b] Monthly Equity component for Jan-Dec is 4.8938% based on the May 2014 ROR Surveillance Report and reflects a 10.5% return on equity per Order No. PSC 12-0425-PAA-EU.

[c] Debt component for Jan-Dec is 1.4751% based on May 2014 ROR Surveillance Report, per PSC-12-0425-PAA-EU

Totals may not add due to rounding.

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

SCHEDULE: C-2

ESTIMATED FOR THE PERIOD OF: JANUARY 2016 THROUGH DECEMBER 2016

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
15. Solar Pilot Projects Common Expenses														
1. Investment (Net of Retirements)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
2. Depreciation Base		$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	
3. Depreciation Expense [a]		$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$349,330
4. Cumulative Investment (Line 2)	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	
5. Less: Accumulated Depreciation	$1,295,431	$1,324,542	$1,353,652	$1,382,763	$1,411,874	$1,440,985	$1,470,096	$1,499,206	$1,528,317	$1,557,428	$1,586,539	$1,615,650	$1,644,760	
6. Net Investment (Line 4 - 5)	$451,217	$422,107	$392,996	$363,885	$334,774	$305,663	$276,553	$247,442	$218,331	$189,220	$160,109	$130,999	$101,888	
7. Average Net Investment		$436,662	$407,551	$378,440	$349,330	$320,219	$291,108	$261,997	$232,886	$203,776	$174,665	$145,554	$116,443	
8. Return on Average Net Investment														
a. Equity Component [b]		$1,754	$1,637	$1,520	$1,403	$1,286	$1,169	$1,052	$935	$819	$702	$585	$468	
b. Equity Component grossed up for taxes (Line 8a/.61425)		$2,855	$2,665	$2,475	$2,284	$2,094	$1,904	$1,713	$1,523	$1,333	$1,142	$952	$761	$21,702
c. Debt Component (Line 7 * debt rate * 1/12) [c]		$542	$506	$470	$434	$398	$362	$325	$289	$253	$217	$181	$145	$4,122
9.Total Return Requirements (Line 8b + 8c)		$3,398	$3,171	$2,945	$2,718	$2,492	$2,265	$2,039	$1,812	$1,586	$1,359	$1,133	$906	$25,823
10. Total Depreciation & Return (Line 3 + 9)		$32,509	$32,282	$32,056	$31,829	$31,603	$31,376	$31,149	$30,923	$30,696	$30,470	$30,243	$30,017	$375,153

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

[b] Monthly Equity component for Jan-Dec is 4.8938% based on the May 2014 ROR Surveillance Report and reflects a 10.5% return on equity per Order No. PSC 12-0425-PAA-EU.

[c] Debt component for Jan-Dec is 1.4751% based on May 2014 ROR Surveillance Report, per PSC-12-0425-PAA-EU

Totals may not add due to rounding.

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

SCHEDULE: C-2

ESTIMATED FOR THE PERIOD OF: JANUARY 2016 THROUGH DECEMBER 2016

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
18. Common Expenses														
1. Investment (Net of Retirements)		$18,071	$21,968	$44,540	$47,770	($4,866,945)	$53,221	($1,265,553)	$54,022	$35,395	($83,228)	$0	$0	($5,940,739)
2. Depreciation Base		$10,824,365	$10,846,333	$10,890,873	$10,938,643	$6,071,698	$6,124,919	$4,859,366	$4,913,388	$4,948,783	$4,865,555	$4,865,555	$4,865,555	
3. Depreciation Expense [a]		$180,255	$180,589	$181,143	$140,886	$100,727	$90,662	$80,559	$81,440	$81,456	$81,058	$81,093	$81,093	$1,360,961
4. Cumulative Investment (Line 2)	$10,806,294	$10,824,365	$10,846,333	$10,890,873	$10,938,643	$6,071,698	$6,124,919	$4,859,366	$4,913,388	$4,948,783	$4,865,555	$4,865,555	$4,865,555	
5. Less: Accumulated Depreciation	$7,879,127	$8,059,382	$8,239,971	$8,421,114	$8,562,001	$3,739,582	$3,830,244	$2,593,632	$2,675,071	$2,756,528	$2,750,163	$2,831,256	$2,912,348	
6. Net Investment (Line 4 - 5)	$2,927,167	$2,764,983	$2,606,362	$2,469,758	$2,376,642	$2,332,115	$2,294,674	$2,265,734	$2,238,316	$2,192,255	$2,115,392	$2,034,299	$1,953,206	
7. Average Net Investment		$2,846,075	$2,685,672	$2,538,060	$2,423,200	$2,354,379	$2,313,395	$2,280,204	$2,252,025	$2,215,286	$2,153,823	$2,074,845	$1,993,753	
8. Return on Average Net Investment														
a. Equity Component [b]		$11,432	$10,788	$10,195	$9,734	$9,457	$9,292	$9,159	$9,046	$8,898	$8,651	$8,334	$8,009	
b. Equity Component grossed up for taxes (Line 8a/.61425)		$18,612	$17,563	$16,597	$15,846	$15,396	$15,128	$14,911	$14,727	$14,487	$14,085	$13,568	$13,038	$183,957
c. Debt Component (Line 7 * debt rate * 1/12) [c]		$3,535	$3,336	$3,152	$3,010	$2,924	$2,873	$2,832	$2,797	$2,751	$2,675	$2,577	$2,476	$34,938
9.Total Return Requirements (Line 8b + 8c)		$22,146	$20,898	$19,750	$18,856	$18,320	$18,001	$17,743	$17,524	$17,238	$16,760	$16,145	$15,514	$218,895
10. Total Depreciation & Return (Line 3 + 9)		$202,402	$201,487	$200,893	$159,742	$119,047	$108,663	$98,302	$98,963	$98,694	$97,817	$97,238	$96,607	$1,579,856

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

[b] Monthly Equity component for Jan-Dec is 4.8938% based on the May 2014 ROR Surveillance Report and reflects a 10.5% return on equity per Order No. PSC 12-0425-PAA-EU.

[c] Debt component for Jan-Dec is 1.4751% based on May 2014 ROR Surveillance Report, per PSC-12-0425-PAA-EU

Totals may not add due to rounding.

FLORIDA POWER & LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
SUMMARY OF ECCR CALCULATION

SCHEDULE: C-3

JANUARY THROUGH JUNE 2015: ACTUAL JULY THROUGH DECEMBER 2015: ESTIMATED

PROGRAM TITLE	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	Total for Period
1. Residential Home Energy Survey									
Actual	$70,112	$1,979,068	$864	$623,214	($31,212)	$0	$45,393	$265,885	$2,953,325
Estimated	$70,130	$2,820,878	$0	$625,528	$6,097,204	$0	$116,541	$303,872	$10,034,153
Total	$140,241	$4,799,947	$864	$1,248,742	$6,065,992	$0	$161,935	$569,757	$12,987,478
2. Residential Building Envelope									
Actual	$0	$121,847	$31	$143,565	$0	$1,162,071	$3,300	$3,801	$1,434,614
Estimated	$0	$61,720	$0	$35,735	$0	$775,908	$0	$425	$873,788
Total	$0	$183,567	$31	$179,300	$0	$1,937,979	$3,300	$4,226	$2,308,403
3. Residential Duct System Testing & Repair									
Actual	$0	$318,243	$229	$31,292	$0	$81,307	$11	($32,879)	$398,203
Estimated	$0	$20,271	$0	$7,162	$0	$62,110	$0	($8,558)	$80,985
Total	$0	$338,514	$229	$38,455	$0	$143,417	$11	($41,437)	$479,188
4. Residential Air Conditioning									
Actual	$0	$806,553	$384	$184,455	$0	$20,090,015	$30,254	($107,735)	$21,003,926
Estimated	$0	$452,494	$0	$97,116	$0	$14,183,314	$18,697	$47,737	$14,799,357
Total	$0	$1,259,047	$384	$281,571	$0	$34,273,329	$48,951	($59,999)	$35,803,283
5. Residential New Construction (BuildSmart®)									
Actual	$0	$217,387	$76	$55,436	$0	$7,150	$0	$20,608	$300,657
Estimated	$0	$218,378	$0	$21,538	$0	$10,975	$5,465	$13,167	$269,523
Total	$0	$435,765	$76	$76,973	$0	$18,125	$5,465	$33,776	$570,181
6. Residential Low-Income Weatherization									
Actual	$0	$18,796	$0	$0	$0	$16,920	$0	$2,368	$38,085
Estimated	$0	$24,722	$0	$0	$0	$15,011	$0	$2,952	$42,684
Total	$0	$43,518	$0	$0	$0	$31,931	$0	$5,320	$80,769
7. Residential Load Management ("On Call")									
Actual	$3,140,503	$352,036	$112,131	$1,208,540	$0	$21,287,364	$22,146	$406,429	$26,529,149
Estimated	$3,564,244	$1,004,880	($665,068)	$1,351,809	$0	$24,822,479	$4,284	$237,034	$30,319,663
Total	$6,704,747	$1,356,917	($552,937)	$2,560,349	$0	$46,109,844	$26,430	$643,464	$56,848,812
8. Business Energy Evaluation									
Actual	$0	$2,086,021	$678	$350,007	$71,536	$0	$36,029	$138,870	$2,683,141
Estimated	$0	$2,347,683	$6,000	$538,001	$2,590,379	$0	$16,488	$190,247	$5,688,798
Total	$0	$4,433,703	$6,678	$888,009	$2,661,915	$0	$52,517	$329,116	$8,371,939
9. Business Efficient Lighting									
Actual	$0	$85,244	$2	$33,197	$0	$102,243	$0	$2,592	$223,279
Estimated	$0	$45,524	$0	$36,883	$0	$69,600	$0	$466	$152,473
Total	$0	$130,768	$2	$70,081	$0	$171,843	$0	$3,058	$375,752

FLORIDA POWER & LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
SUMMARY OF ECCR CALCULATION

SCHEDULE: C-3

JANUARY THROUGH JUNE 2015: ACTUAL JULY THROUGH DECEMBER 2015: ESTIMATED

PROGRAM TITLE		Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	Total for Period
10. Business Heating, Ventilating & A/C										
	Actual	$0	$276,587	$50	$93,654	$0	$1,179,606	$0	$25,032	$1,574,929
	Estimated	$0	$136,771	$0	$50,683	$0	$2,095,591	$863	$36,979	$2,320,886
	Total	$0	$413,358	$50	$144,337	$0	$3,275,197	$863	$62,012	$3,895,815
11. Business Custom Incentive										
	Actual	$0	$13,931	$0	$0	$0	$35,563	$0	$1,103	$50,597
	Estimated	$0	$11,284	$0	$0	$0	$388,993	$0	$521	$400,798
	Total	$0	$25,215	$0	$0	$0	$424,556	$0	$1,624	$451,394
12. Business Building Envelope										
	Actual	$0	$137,410	$32	$72,959	$0	$2,193,924	$3,300	$5,635	$2,413,260
	Estimated	$0	$80,039	$0	$16,520	$0	$1,101,801	$2,301	$6,053	$1,206,715
	Total	$0	$217,448	$32	$89,479	$0	$3,295,726	$5,601	$11,689	$3,619,975
13. Business Water Heating										
	Actual	$0	$691	$0	$2,818	$0	$2,950	$0	$117	$6,577
	Estimated	$0	$377	$0	$625	$0	$1,997	$0	$9	$3,007
	Total	$0	$1,068	$0	$3,443	$0	$4,947	$0	$126	$9,584
14. Business Refrigeration										
	Actual	$0	$13,490	$2	$4,704	$0	$2,928	$0	$536	$21,660
	Estimated	$0	$1,032	$0	$907	$0	$1,046	$0	$42	$3,027
	Total	$0	$14,522	$2	$5,611	$0	$3,974	$0	$578	$24,687
15. Business On Call										
	Actual	$164,698	$39,838	$4	$73,320	$0	$1,413,791	$0	$13,141	$1,704,792
	Estimated	$183,647	$186,439	($146,000)	$70,111	$0	$1,977,229	$137	$12,684	$2,284,247
	Total	$348,345	$226,277	($145,996)	$143,432	$0	$3,391,020	$137	$25,825	$3,989,039
16. Commercial/Industrial Load Control										
	Actual	$0	$99,833	$205	$2,458	$0	$19,247,359	$0	$21,098	$19,370,954
	Estimated	$0	$110,934	$3,187	$4,067	$0	$20,412,518	$0	$27,057	$20,557,762
	Total	$0	$210,767	$3,392	$6,525	$0	$39,659,877	$0	$48,155	$39,928,716
17. Commercial/Industrial Demand Reduction										
	Actual	$0	$137,412	$663	$0	$0	$8,434,137	$0	$30,512	$8,602,724
	Estimated	$0	$155,290	$4,313	$5,461	$0	$10,195,577	$1	$36,493	$10,397,134
	Total	$0	$292,702	$4,975	$5,461	$0	$18,629,714	$1	$67,005	$18,999,858
18. Res. Solar Water Heating Pilot										
	Actual	$0	$113,254	$0	$0	$0	$335,000	$0	$3,112	$451,366
	Estimated	$0	$42,825	$0	$0	$0	$665,000	$0	$610	$708,435
	Total	$0	$156,079	$0	$0	$0	$1,000,000	$0	$3,722	$1,159,801

JANUARY THROUGH JUNE 2015: ACTUAL JULY THROUGH DECEMBER 2015: ESTIMATED

PROGRAM TITLE	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	Total for Period
19. Res. Solar Water Heating (LINC) Pilot									
Actual	$0	$20,944	$0	$0	$0	$59,840	$0	$766	$81,550
Estimated	$0	$9,479	$0	$0	$0	$478,500	$0	$510	$488,489
Total	$0	$30,423	$0	$0	$0	$538,340	$0	$1,276	$570,039
20. Residential Photovoltaic Pilot									
Actual	$0	$124,450	$2	$3,000	$0	$7,113,254	$0	$5,260	$7,245,966
Estimated	$0	$38,691	$0	$0	$0	$545,951	$0	$685	$585,328
Total	$0	$163,141	$2	$3,000	$0	$7,659,205	$0	$5,945	$7,831,294
21. Business Solar Water Heating Pilot									
Actual	$0	$13,974	$0	$0	$0	$2,520	$0	$167	$16,661
Estimated	$0	$8,455	$0	$0	$0	$97,480	$0	$560	$106,495
Total	$0	$22,429	$0	$0	$0	$100,000	$0	$727	$123,155
22. Business Photovoltaic Pilot									
Actual	$0	$28,746	$0	$0	$0	$495,360	$0	$822	$524,928
Estimated	$0	$17,196	$0	$0	$0	$2,059,681	$0	$435	$2,077,312
Total	$0	$45,943	$0	$0	$0	$2,555,041	$0	$1,257	$2,602,240
23. Business Photovoltaic for Schools Pilot									
Actual	$997,380	$62,139	$18	$38,412	$0	$0	$0	$5,002	$1,102,951
Estimated	$1,031,370	$16,437	$0	$38,940	$0	$0	$0	$355	$1,087,101
Total	$2,028,750	$78,576	$18	$77,352	$0	$0	$0	$5,357	$2,190,052
24. Renewable Research & Demo. Project									
Actual	$0	$21,059	$0	$65,532	$0	$0	$0	($27,534)	$59,057
Estimated	$0	$6,868	$0	$121,969	$0	$0	$0	$510	$129,347
Total	$0	$27,927	$0	$187,501	$0	$0	$0	($27,024)	$188,404
25. Solar Pilot Projects Common Expenses									
Actual	$208,337	$39,800	$0	$0	$0	$0	$0	$204	$248,341
Estimated	$199,809	$19,051	$0	$0	$0	$0	$0	$875	$219,735
Total	$408,146	$58,851	$0	$0	$0	$0	$0	$1,079	$468,076
26. Cogeneration & Small Power Production									
Actual	$0	$251,170	$0	($41,914)	$0	$0	$0	($98,482)	$110,774
Estimated	$0	$292,782	$0	$1,750	$0	$0	$0	($99,125)	$195,407
Total	$0	$543,952	$0	($40,164)	$0	$0	$0	($197,607)	$306,181
27. Conservation Research & Development									
Actual	$0	$33,646	$0	$196,428	$0	$0	$0	$93,887	$323,961
Estimated	$0	$17,171	$0	$98,005	$0	$0	$0	$1	$115,177
Total	$0	$50,816	$0	$294,433	$0	$0	$0	$93,888	$439,138

FLORIDA POWER & LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
SUMMARY OF ECCR CALCULATION

SCHEDULE: C-3

JANUARY THROUGH JUNE 2015: ACTUAL JULY THROUGH DECEMBER 2015: ESTIMATED

PROGRAM TITLE		Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	Total for Period
28. Common Expenses										
	Actual	$1,100,746	$3,266,979	$4,083	$497,786	$0	$0	$8,019	$640,358	$5,517,971
	Estimated	$1,153,827	$6,429,141	$18	$465,125	$0	$0	$6,071	$550,702	$8,604,884
	Total	$2,254,574	$9,696,120	$4,101	$962,911	$0	$0	$14,090	$1,191,060	$14,122,855
29. Recoverable Conservation Expenses										
	Actual	$5,681,776	$10,680,548	$119,454	$3,638,864	$40,324	$83,263,303	$148,452	$1,420,675	$104,993,396
	Estimated	$6,203,026	$14,576,811	($797,549)	$3,587,935	$8,687,583	$79,960,759	$170,848	$1,363,299	$113,752,711
	Total	$11,884,802	$25,257,359	($678,095)	$7,226,798	$8,727,907	$163,224,062	$319,300	$2,783,974	$218,746,107

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

SCHEDULE: C-3

JANUARY THROUGH JUNE 2015: ACTUAL JULY THROUGH DECEMBER 2015: ESTIMATED

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
1. Residential Home Energy Survey														
1. Investment (Net of Retirements)		$0	$0	$0	$0	$0	$0	$6,402	$5,845	$6,124	$6,124	$5,845	$6,402	$36,743
2. Depreciation Base		$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$531,814	$537,659	$543,783	$549,907	$555,752	$562,155	
3. Depreciation Expense [a]		$8,757	$8,757	$8,757	$8,757	$8,757	$8,757	$8,810	$8,912	$9,012	$9,114	$9,214	$9,316	$106,919
4. Cumulative Investment (Line 2)	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$525,412	$531,814	$537,659	$543,783	$549,907	$555,752	$562,155	
5. Less: Accumulated Depreciation	$126,974	$135,731	$144,488	$153,245	$162,002	$170,759	$179,516	$188,326	$197,238	$206,250	$215,364	$224,578	$233,894	
6. Net Investment (Line 4 - 5)	$398,437	$389,680	$380,923	$372,167	$363,410	$354,653	$345,896	$343,488	$340,421	$337,533	$334,543	$331,174	$328,261	
7. Average Net Investment		$394,059	$385,302	$376,545	$367,788	$359,031	$350,274	$344,692	$341,955	$338,977	$336,038	$332,859	$329,718	
8. Return on Average Net Investment														
a. Equity Component [b]		$1,607	$1,571	$1,536	$1,500	$1,464	$1,428	$1,385	$1,374	$1,362	$1,350	$1,337	$1,324	
b. Equity Component grossed up for taxes (Line 8a/.61425)		$2,616	$2,558	$2,500	$2,442	$2,384	$2,326	$2,254	$2,236	$2,217	$2,197	$2,177	$2,156	$28,063
c. Debt Component (Line 7 * debt rate * 1/12) [c]		$484	$474	$463	$452	$441	$431	$428	$425	$421	$417	$413	$410	$5,259
9.Total Return Requirements (Line 8b + 8c)		$3,101	$3,032	$2,963	$2,894	$2,825	$2,756	$2,682	$2,661	$2,638	$2,615	$2,590	$2,566	$33,322
10. Total Depreciation & Return (Line 3 + 9)		$11,858	$11,789	$11,720	$11,651	$11,582	$11,513	$11,492	$11,573	$11,650	$11,729	$11,804	$11,882	$140,241

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

[b] Monthly Equity Component for Jan-Jun 2014 actual period is 4.9230% based on May 2013 ROR Surveillance Report and reflects a 10.5% return on equity. Monthly Equity component for Jul-Dec 2014 estimated period is 4.8938% based on the May 2014 ROR Surveillance Report and reflects a 10.5% return on equity per Order No. PSC 12-0425-PAA-EU.

[c] Monthly Debt Component for Jan-Jun 2014 actual period is 1.5658% based on May 2013 ROR Surveillance report and the Debt Component for Jul-Dec 2014 estimated is 1.4751% based on the May 2014 ROR Surveillance Report, per Order PSC-12-0425-PAA-EU.

Totals may not add due to rounding.

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

SCHEDULE: C-3

JANUARY THROUGH JUNE 2015: ACTUAL JULY THROUGH DECEMBER 2015: ESTIMATED

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
Load Management (Program Nos. 7 & 15)														
1. Investment (Net of Retirements)		$70,225	($138,605)	$683,813	$628,509	$94,328	$1,326,715	$1,385,145	($1,260,022)	$936,329	$816,249	$1,112,243	($19,826)	$5,635,104
2. Depreciation Base		$25,927,188	$25,788,584	$26,472,397	$27,100,905	$27,195,233	$28,521,948	$29,907,094	$28,647,072	$29,583,401	$30,399,650	$31,511,893	$31,492,067	
3. Depreciation Expense [a]		$431,535	$430,965	$435,508	$446,444	$452,468	$464,310	$486,909	$487,951	$485,254	$499,859	$515,930	$525,033	$5,662,165
4. Cumulative Investment (Line 2)	$25,856,964	$25,927,188	$25,788,584	$26,472,397	$27,100,905	$27,195,233	$28,521,948	$29,907,094	$28,647,072	$29,583,401	$30,399,650	$31,511,893	$31,492,067	
5. Less: Accumulated Depreciation	$11,883,274	$12,254,407	$12,539,594	$12,877,224	$13,323,669	$13,776,136	$14,241,263	$14,654,245	$12,962,961	$13,448,215	$13,948,074	$14,464,003	$14,930,138	
6. Net Investment (Line 4 - 5)	$13,973,690	$13,672,782	$13,248,989	$13,595,173	$13,777,237	$13,419,097	$14,280,685	$15,252,848	$15,684,111	$16,135,186	$16,451,576	$17,047,890	$16,561,930	
7. Average Net Investment		$13,823,236	$13,460,886	$13,422,081	$13,686,205	$13,598,167	$13,849,891	$14,766,767	$15,468,479	$15,909,648	$16,293,381	$16,749,733	$16,804,910	
8. Return on Average Net Investment														
a. Equity Component [b]		$56,374	$54,896	$54,738	$55,815	$55,456	$56,483	$59,315	$62,134	$63,906	$65,447	$67,280	$67,502	
b. Equity Component grossed up for taxes (Line 8a/.61425)		$91,777	$89,371	$89,113	$90,867	$90,283	$91,954	$96,565	$101,154	$104,039	$106,548	$109,532	$109,893	$1,171,097
c. Debt Component (Line 7 * debt rate * 1/12) [c]		$16,993	$16,547	$16,500	$16,824	$16,716	$17,026	$18,340	$19,212	$19,760	$20,236	$20,803	$20,872	$219,830
9.Total Return Requirements (Line 8b + 8c)		$108,770	$105,919	$105,613	$107,691	$106,999	$108,979	$114,905	$120,366	$123,799	$126,785	$130,336	$130,765	$1,390,926
10. Total Depreciation & Return (Line 3 + 9)		$540,304	$536,883	$541,121	$554,136	$559,467	$573,289	$601,814	$608,317	$609,053	$626,643	$646,265	$655,798	$7,053,091
Allocation of Depreciation and Return on Investment Between Programs														
Residential On Call Program No. 7 (95.1%)														
Depreciation (Prog #7)		$410,389	$409,848	$414,168	$424,568	$430,297	$441,559	$463,050	$464,042	$461,477	$475,366	$490,649	$499,306	$5,384,719
Return (Prog #7)		$102,983	$100,271	$99,981	$101,957	$101,299	$103,182	$109,275	$114,468	$117,733	$120,572	$123,949	$124,358	$1,320,028
Total (Prog #7)		$513,372	$510,119	$514,149	$526,526	$531,596	$544,741	$572,325	$578,510	$579,209	$595,938	$614,598	$623,664	$6,704,747
Business On Call Program No. 15 (4.9 %)														
Depreciation (Prog #15)		$21,145	$21,117	$21,340	$21,876	$22,171	$22,751	$23,859	$23,910	$23,777	$24,493	$25,281	$25,727	$277,446
Return (Prog #15)		$5,787	$5,647	$5,632	$5,734	$5,700	$5,797	$5,630	$5,898	$6,066	$6,212	$6,386	$6,407	$70,898
Total (Prog #15)		$26,932	$26,764	$26,972	$27,610	$27,871	$28,548	$29,489	$29,808	$29,844	$30,706	$31,667	$32,134	$348,345
Total														
Depreciation		$431,535	$430,965	$435,508	$446,444	$452,468	$464,310	$486,909	$487,951	$485,254	$499,859	$515,930	$525,033	$5,662,165
Return		$108,770	$105,919	$105,613	$107,691	$106,999	$108,979	$114,905	$120,366	$123,799	$126,785	$130,336	$130,765	$1,390,926
Total		$540,304	$536,883	$541,121	$554,136	$559,467	$573,289	$601,814	$608,317	$609,053	$626,643	$646,265	$655,798	$7,053,091

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

[b] Monthly Equity Component for Jan-Jun 2014 actual period is 4.9230% based on May 2013 ROR Surveillance Report and reflects a 10.5% return on equity. Monthly Equity component for Jul-Dec 2014 estimated period is 4.8938% based on the May 2014 ROR Surveillance Report and reflects a 10.5% return on equity per Order No. PSC 12-0425-PAA-EU.

[c] Monthly Debt Component for Jan-Jun 2014 actual period is 1.5658% based on May 2013 ROR Surveillance report and the Debt Component for Jul-Dec 2014 estimated is 1.4751% based on the May 2014 ROR Surveillance Report, per Order PSC-12-0425-PAA-EU.

Totals may not add due to rounding.

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

SCHEDULE: C-3

JANUARY THROUGH JUNE 2015: ACTUAL JULY THROUGH DECEMBER 2015: ESTIMATED

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
23. Business Photovoltaic for Schools Pilot														
1. Investment (Net of Retirements)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$254,963	$1,393,573	$348,570	$1,997,105
2. Depreciation Base		$7,178,554	$7,178,554	$7,178,554	$7,178,554	$7,178,554	$7,178,554	$7,178,554	$7,178,554	$7,178,554	$7,433,516	$8,827,089	$9,175,659	
3. Depreciation Expense [a]		$119,643	$119,643	$119,643	$119,643	$119,643	$119,643	$119,643	$119,643	$119,643	$121,767	$135,505	$150,023	$1,484,078
4. Cumulative Investment (Line 2)	$7,178,554	$7,178,554	$7,178,554	$7,178,554	$7,178,554	$7,178,554	$7,178,554	$7,178,554	$7,178,554	$7,178,554	$7,433,516	$8,827,089	$9,175,659	
5. Less: Accumulated Depreciation	$898,962	$1,018,605	$1,138,247	$1,257,890	$1,377,532	$1,497,175	$1,616,817	$1,736,460	$1,856,103	$1,975,745	$2,097,512	$2,233,017	$2,383,040	
6. Net Investment (Line 4 - 5)	$6,279,592	$6,159,949	$6,040,307	$5,920,664	$5,801,021	$5,681,379	$5,561,736	$5,442,094	$5,322,451	$5,202,809	$5,336,004	$6,594,072	$6,792,619	
7. Average Net Investment		$6,219,770	$6,100,128	$5,980,485	$5,860,843	$5,741,200	$5,621,558	$5,501,915	$5,382,272	$5,262,630	$5,269,406	$5,965,038	$6,693,345	
8. Return on Average Net Investment														
a. Equity Component [b]		$25,365	$24,878	$24,390	$23,902	$23,414	$22,926	$22,100	$21,620	$21,139	$21,166	$23,960	$26,886	
b. Equity Component grossed up for taxes (Line 8a/.61425)		$41,295	$40,501	$39,706	$38,912	$38,118	$37,323	$35,979	$35,197	$34,414	$34,459	$39,008	$43,770	$458,681
c. Debt Component (Line 7 * debt rate * 1/12) [c]		$7,646	$7,499	$7,352	$7,205	$7,058	$6,911	$6,833	$6,685	$6,536	$6,545	$7,409	$8,313	$85,990
9.Total Return Requirements (Line 8b + 8c)		$48,941	$48,000	$47,058	$46,117	$45,175	$44,234	$42,812	$41,881	$40,950	$41,003	$46,416	$52,083	$544,671
10. Total Depreciation & Return (Line 3 + 9)		$168,584	$167,642	$166,701	$165,759	$164,818	$163,876	$162,455	$161,524	$160,593	$162,770	$181,921	$202,106	$2,028,750

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

[b] Monthly Equity Component for Jan-Jun 2014 actual period is 4.9230% based on May 2013 ROR Surveillance Report and reflects a 10.5% return on equity. Monthly Equity component for Jul-Dec 2014 estimated period is 4.8938% based on the May 2014 ROR Surveillance Report and reflects a 10.5% return on equity per Order No. PSC 12-0425-PAA-EU.

[c] Monthly Debt Component for Jan-Jun 2014 actual period is 1.5658% based on May 2013 ROR Surveillance report and the Debt Component for Jul-Dec 2014 estimated is 1.4751% based on the May 2014 ROR Surveillance Report, per Order PSC-12-0425-PAA-EU.

Totals may not add due to rounding.

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

SCHEDULE: C-3

JANUARY THROUGH JUNE 2015: ACTUAL JULY THROUGH DECEMBER 2015: ESTIMATED

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
25. Solar Pilot Projects Common Expenses														
1. Investment (Net of Retirements)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
2. Depreciation Base		$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	
3. Depreciation Expense [a]		$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$29,111	$349,330
4. Cumulative Investment (Line 2)	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	$1,746,648	
5. Less: Accumulated Depreciation	$946,101	$975,212	$1,004,323	$1,033,434	$1,062,544	$1,091,655	$1,120,766	$1,149,877	$1,178,988	$1,208,098	$1,237,209	$1,266,320	$1,295,431	
6. Net Investment (Line 4 - 5)	$800,547	$771,436	$742,325	$713,215	$684,104	$654,993	$625,882	$596,771	$567,661	$538,550	$509,439	$480,328	$451,217	
7. Average Net Investment		$785,992	$756,881	$727,770	$698,659	$669,548	$640,438	$611,327	$582,216	$553,105	$523,994	$494,884	$465,773	
8. Return on Average Net Investment														
a. Equity Component [b]		$3,205	$3,087	$2,968	$2,849	$2,731	$2,612	$2,456	$2,339	$2,222	$2,105	$1,988	$1,871	
b. Equity Component grossed up for taxes (Line 8a/.61425)		$5,218	$5,025	$4,832	$4,639	$4,445	$4,252	$3,998	$3,807	$3,617	$3,427	$3,236	$3,046	$49,542
c. Debt Component (Line 7 * debt rate * 1/12) [c]		$966	$930	$895	$859	$823	$787	$759	$723	$687	$651	$615	$578	$9,274
9.Total Return Requirements (Line 8b + 8c)		$6,185	$5,956	$5,727	$5,497	$5,268	$5,039	$4,757	$4,530	$4,304	$4,077	$3,851	$3,624	$58,816
10. Total Depreciation & Return (Line 3 + 9)		$35,295	$35,066	$34,837	$34,608	$34,379	$34,150	$33,868	$33,641	$33,415	$33,188	$32,962	$32,735	$408,146

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

(b) Monthly Equity Component for Jan-Jun 2014 actual period is 4.9230% based on May 2013 ROR Surveillance Report and reflects a 10.5% return on equity. Monthly Equity component for Jul-Dec 2014 estimated period is 4.8938% based on the May 2014 ROR Surveillance Report and reflects a 10.5% return on equity per Order No. PSC 12-0425-PAA-EU.

[c] Monthly Debt Component for Jan-Jun 2014 actual period is 1.5658% based on May 2013 ROR Surveillance report and the Debt Component for Jul-Dec 2014 estimated is 1.4751% based on the May 2014 ROR Surveillance Report, per Order PSC-12-0425-PAA-EU.

Totals may not add due to rounding.

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

SCHEDULE: C-3

JANUARY THROUGH JUNE 2015: ACTUAL JULY THROUGH DECEMBER 2015: ESTIMATED

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
28. Common Expenses														
1. Investment (Net of Retirements)		$0	$607,297	($25,011)	($550)	$0	$0	$152,754	$225,242	$138,006	$211,264	$180,204	$232,456	$1,721,662
2. Depreciation Base		$9,084,632	$9,691,929	$9,666,918	$9,666,368	$9,666,368	$9,666,368	$9,819,122	$10,044,364	$10,182,370	$10,393,634	$10,573,838	$10,806,294	
3. Depreciation Expense [a]		$151,411	$156,471	$160,907	$161,111	$161,106	$161,106	$162,379	$165,529	$168,556	$171,467	$174,729	$178,168	$1,972,939
4. Cumulative Investment (Line 2)	$9,084,632	$9,084,632	$9,691,929	$9,666,918	$9,666,368	$9,666,368	$9,666,368	$9,819,122	$10,044,364	$10,182,370	$10,393,634	$10,573,838	$10,806,294	
5. Less: Accumulated Depreciation	$5,906,187	$6,057,598	$6,214,069	$6,374,976	$6,536,087	$6,697,193	$6,858,299	$7,020,678	$7,186,207	$7,354,763	$7,526,230	$7,700,959	$7,879,127	
6. Net Investment (Line 4 - 5)	$3,178,445	$3,027,034	$3,477,860	$3,291,942	$3,130,281	$2,969,175	$2,808,069	$2,798,444	$2,858,157	$2,827,607	$2,867,404	$2,872,879	$2,927,167	
7. Average Net Investment		$3,102,740	$3,252,447	$3,384,901	$3,211,112	$3,049,728	$2,888,622	$2,803,257	$2,828,301	$2,842,882	$2,847,505	$2,870,142	$2,900,023	
8. Return on Average Net Investment														
a. Equity Component [b]		$12,654	$13,264	$13,804	$13,096	$12,437	$11,780	$11,260	$11,361	$11,419	$11,438	$11,529	$11,649	
b. Equity Component grossed up for taxes (Line 8a/.61425)		$20,600	$21,594	$22,473	$21,320	$20,248	$19,178	$18,331	$18,495	$18,591	$18,621	$18,769	$18,964	$237,185
c. Debt Component (Line 7 * debt rate * 1/12) [c]		$3,814	$3,998	$4,161	$3,947	$3,749	$3,551	$3,482	$3,513	$3,531	$3,537	$3,565	$3,602	$44,449
9.Total Return Requirements (Line 8b + 8c)		$24,414	$25,592	$26,634	$25,267	$23,997	$22,729	$21,813	$22,008	$22,121	$22,157	$22,334	$22,566	$281,634
10. Total Depreciation & Return (Line 3 + 9)		$175,825	$182,064	$187,541	$186,378	$185,103	$183,836	$184,192	$187,537	$190,678	$193,624	$197,063	$200,734	$2,254,574

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

(b) Monthly Equity Component for Jan-Jun 2014 actual period is 4.9230% based on May 2013 ROR Surveillance Report and reflects a 10.5% return on equity. Monthly Equity component for Jul-Dec 2014 estimated period is 4.8938% based on the May 2014 ROR Surveillance Report and reflects a 10.5% return on equity per Order No. PSC 12-0425-PAA-EU.

[c] Monthly Debt Component for Jan-Jun 2014 actual period is 1.5658% based on May 2013 ROR Surveillance report and the Debt Component for Jul-Dec 2014 estimated is 1.4751% based on the May 2014 ROR Surveillance Report, per Order PSC-12-0425-PAA-EU.

Totals may not add due to rounding.

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

SCHEDULE: C-3

JANUARY THROUGH JUNE 2015: ACTUAL JULY THROUGH DECEMBER 2015: ESTIMATED

PROGRAM TITLE	Monthly Data												
	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
1. Residential Home Energy Survey	$471,815	$423,257	$410,665	$527,389	$552,265	$567,934	$2,239,241	$2,823,719	$1,561,832	$1,041,105	$1,052,150	$1,316,105	$12,987,478
2. Residential Building Envelope	$239,997	$190,973	$254,614	$202,464	$231,686	$314,879	$189,496	$202,960	$164,503	$158,575	$100,914	$57,339	$2,308,403
3. Residential Duct System Testing & Repair	$70,359	$63,298	$66,510	$65,149	$56,803	$76,084	$8,709	$20,001	$11,867	$12,827	$13,528	$14,054	$479,188
4. Residential Air Conditioning	$7,174,415	$5,108,602	$2,202,438	$1,984,945	$1,627,287	$2,906,239	$2,735,739	$2,747,247	$2,642,079	$2,601,670	$2,279,541	$1,793,081	$35,803,283
5. Residential New Construction (BuildSmart®)	$52,381	$42,244	$40,251	$52,420	$45,191	$68,170	$54,563	$53,227	$48,866	$38,385	$36,242	$38,240	$570,181
6. Residential Low-Income Weatherization	$3,791	$4,660	$11,276	$9,017	$3,836	$5,507	$5,646	$5,724	$7,305	$8,002	$7,794	$8,213	$80,769
7. Residential Load Management ("On Call")	$3,513,730	$3,490,181	$3,315,424	$5,375,129	$5,784,126	$5,050,559	$5,893,439	$5,839,306	$5,949,795	$5,735,016	$3,233,661	$3,668,447	$56,848,812
8. Business Energy Evaluation	$449,016	$387,930	$507,076	$483,355	$420,582	$435,182	$1,166,934	$1,287,076	$1,208,363	$723,526	$649,143	$653,755	$8,371,940
9. Business Efficient Lighting	$50,726	$64,336	$14,028	$17,903	$31,501	$44,784	$40,034	$35,819	$36,263	$13,452	$13,368	$13,537	$375,752
10. Business Heating, Ventilating & A/C	$106,157	$483,192	$212,951	$106,209	$419,011	$247,409	$504,271	$400,976	$267,943	$479,938	$538,463	$129,296	$3,895,815
11. Business Custom Incentive	$2,223	$2,081	$2,361	$25,702	$15,015	$3,216	$55,382	$199,837	$81,051	$18,139	$30,339	$16,050	$451,394
12. Business Building Envelope	$296,083	$298,641	$566,894	$430,445	$453,977	$367,220	$219,979	$230,144	$191,417	$189,311	$188,030	$187,834	$3,619,975
13. Business Water Heating	$243	$958	$138	$1,652	$132	$3,453	$140	$745	$126	$666	$666	$666	$9,584
14. Business Refrigeration	$4,641	$6,957	$4,293	$2,326	$132	$3,311	$516	$1,340	$126	$349	$349	$349	$24,687
15. Business On Call	$45,521	$37,210	$53,958	$519,657	$526,218	$522,228	$588,069	$561,676	$586,609	$351,424	$118,166	$78,303	$3,989,039
16. Commercial/Industrial Load Control	$2,626,420	$2,937,916	$3,075,427	$2,670,307	$2,762,844	$5,298,041	$3,419,851	$2,901,388	$3,424,094	$2,834,968	$3,366,658	$4,610,802	$39,928,716
17. Commercial/Industrial Demand Reduction	$1,280,681	$1,228,274	$1,310,099	$1,488,648	$1,617,683	$1,677,339	$1,771,435	$1,836,998	$1,848,052	$1,800,522	$1,656,392	$1,483,736	$18,999,858
18. Res. Solar Water Heating Pilot	$24,173	$55,800	$76,082	$105,781	$88,724	$100,806	$164,577	$151,078	$145,926	$123,218	$123,410	$226	$1,159,801
19. Res. Solar Water Heating (LINC) Pilot	$7,983	$21,837	$12,666	$8,395	$21,312	$9,357	$69,299	$125,698	$80,084	$152,269	$61,119	$19	$570,039
20. Residential Photovoltaic Pilot	$29,391	$129,308	$906,710	$1,886,944	$2,950,972	$1,342,642	$398,510	$106,020	$78,323	$758	$926	$791	$7,831,294
21. Business Solar Water Heating Pilot	$4,948	$2,104	$2,460	$2,466	$2,311	$2,372	$39,636	$43,834	$22,745	$35	$210	$35	$123,155
22. Business Photovoltaic Pilot	$4,464	$4,069	$5,698	$3,840	$105,430	$401,427	$708,421	$707,869	$441,687	$219,163	$123	$48	$2,602,240
23. Business Photovoltaic for Schools Pilot	$179,286	$179,986	$208,675	$182,234	$183,146	$169,624	$171,005	$177,418	$176,699	$167,831	$186,982	$207,167	$2,190,052
24. Renewable Research & Demo. Project	$12,231	$5,542	$52,966	($15,900)	$1,669	$2,548	$11,464	$10,804	$65,642	$18,412	$11,560	$11,464	$188,404
25. Solar Pilot Projects Common Expenses	$44,848	$40,883	$41,312	$40,393	$40,373	$40,531	$40,607	$39,803	$40,140	$33,288	$33,062	$32,835	$468,076
26. Cogeneration & Small Power Production	$47,876	($64,190)	$32,692	$25,360	$34,397	$34,639	$34,786	$30,350	$32,568	$32,568	$30,350	$34,786	$306,181
27. Conservation Research & Development	$102,937	$10,115	$16,967	$149,566	$21,488	$22,885	$22,753	$16,732	$12,623	$12,623	$27,693	$22,754	$439,136
28. Common Expenses	$973,005	$763,493	$1,052,013	$920,903	$996,214	$812,344	$916,274	$878,020	$4,145,599	$889,384	$850,656	$924,952	$14,122,856
29. Subtotal All Programs	$17,819,339	$15,919,657	$14,456,644	$17,272,700	$18,994,326	$20,530,729	$21,470,775	$21,435,809	$23,272,327	$17,657,424	$14,611,492	$15,304,885	$218,746,107
30. Recoverable Conservation Expenses	$17,819,339	$15,919,657	$14,456,644	$17,272,700	$18,994,325	$20,530,729	$21,470,775	$21,435,809	$23,272,327	$17,657,424	$14,611,492	$15,304,885	$218,746,107

Totals may not add due to rounding.

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

SCHEDULE: C-3

JANUARY THROUGH JUNE 2015: ACTUAL JULY THROUGH DECEMBER 2015: ESTIMATED

	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Total
B. CONSERVATION PROGRAM REVENUES													
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)	$14,965,321	$13,754,790	$14,995,005	$16,314,863	$17,549,181	$18,522,666	$19,173,324	$20,542,503	$19,667,737	$17,691,859	$15,657,632	$15,168,855	$204,003,736
3. Total Revenues	$14,965,321	$13,754,790	$14,995,005	$16,314,863	$17,549,181	$18,522,666	$19,173,324	$20,542,503	$19,667,737	$17,691,859	$15,657,632	$15,168,855	$204,003,736
4. Adjustment Not Applicable To Period - Prior True-up	$429,272	$429,272	$429,272	$429,272	$429,272	$429,272	$429,272	$429,272	$429,272	$429,272	$429,272	$429,272	$5,151,262
5. Conservation Revenues Applicable To Period (Line B3 + B4)	$15,394,593	$14,184,062	$15,424,277	$16,744,134	$17,978,453	$18,951,938	$19,602,596	$20,971,774	$20,097,009	$18,121,131	$16,086,904	$15,598,127	$209,154,998
6. Conservation Expenses (From C-3, Page 10, Line 31)	$17,819,339	$15,919,657	$14,456,644	$17,272,700	$18,994,325	$20,530,729	$21,470,775	$21,435,809	$23,272,327	$17,657,424	$14,611,492	$15,304,885	$218,746,107
7. True-up This Period (Line B5 - Line B6)	($2,424,747)	($1,735,595)	$967,633	($528,566)	($1,015,872)	($1,578,791)	($1,868,179)	($464,035)	($3,175,318)	$463,707	$1,475,412	$293,242	($9,591,109)
8. Interest Provision For The Month (From C-3, Page 12, Line C10)	($386)	($566)	($597)	($510)	($625)	($832)	($884)	($990)	($1,140)	($1,259)	($1,223)	($1,193)	($10,206)
9. True-up & Interest Provision Beginning of Month	$5,151,262	$2,296,858	$131,425	$669,190	($289,158)	($1,734,927)	($3,743,822)	($6,042,157)	($6,936,453)	($10,542,184)	($10,509,008)	($9,464,092)	$5,151,262
9a. Deferred True-up Beginning of Period	($8,356,646)	($8,356,646)	($8,356,646)	($8,356,646)	($8,356,646)	($8,356,646)	($8,356,646)	($8,356,646)	($8,356,646)	($8,356,646)	($8,356,646)	($8,356,646)	($8,356,646)
10. Prior True-up Collected/(Refunded)	($429,272)	($429,272)	($429,272)	($429,272)	($429,272)	($429,272)	($429,272)	($429,272)	($429,272)	($429,272)	($429,272)	($429,272)	($5,151,262)
11. End of Period True-up - Over/(Under) Recovery (Line B7+B8+B9+B9a+B10)	($6,059,788)	($8,225,221)	($7,687,456)	($8,645,804)	($10,091,573)	($12,100,468)	($14,398,803)	($15,293,099)	($18,898,830)	($18,865,654)	($17,820,738)	($17,957,961)	($17,957,961)

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

SCHEDULE: C-3

JANUARY THROUGH JUNE 2015: ACTUAL JULY THROUGH DECEMBER 2015: ESTIMATED

	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Total
C. INTEREST PROVISION													
1. Beginning True-up Amount (Line B9 + B9a)	($3,205,384)	($6,059,788)	($8,225,221)	($7,687,456)	($8,645,804)	($10,091,573)	($12,100,468)	($14,398,803)	($15,293,099)	($18,898,830)	($18,865,654)	($17,820,738)	N/A
2. Ending True-up Amount Before Interest (Line B7+B9+B9a+B10)	($6,059,402)	($8,224,655)	($7,686,859)	($8,645,293)	($10,090,948)	($12,099,636)	($14,397,919)	($15,292,109)	($18,897,689)	($18,864,395)	($17,819,514)	($17,956,767)	N/A
3. Total of Beginning & Ending True-up (Line C1+C2)	($9,264,786)	($14,284,443)	($15,912,080)	($16,332,749)	($18,736,752)	($22,191,209)	($26,498,387)	($29,690,912)	($34,190,789)	($37,763,224)	($36,685,168)	($35,777,505)	N/A
4. Average True-up Amount (50% of Line C3)	($4,632,393)	($7,142,222)	($7,956,040)	($8,166,375)	($9,368,376)	($11,095,604)	($13,249,194)	($14,845,456)	($17,095,394)	($18,881,612)	($18,342,584)	($17,888,753)	N/A
5. Interest Rate - First Day of Reporting Business Month	0.10000%	0.10000%	0.09000%	0.09000%	0.06000%	0.10000%	0.08000%	0.08000%	0.08000%	0.08000%	0.08000%	0.08000%	N/A
6. Interest Rate - First day of Subsequent Business Month	0.10000%	0.09000%	0.09000%	0.06000%	0.10000%	0.08000%	0.08000%	0.08000%	0.08000%	0.08000%	0.08000%	0.08000%	N/A
7. Total (Line C5 + C6)	0.20000%	0.19000%	0.18000%	0.15000%	0.16000%	0.18000%	0.16000%	0.16000%	0.16000%	0.16000%	0.16000%	0.16000%	N/A
8. Average Interest Rate (50% of Line C7)	0.10000%	0.09500%	0.09000%	0.07500%	0.08000%	0.09000%	0.08000%	0.08000%	0.08000%	0.08000%	0.08000%	0.08000%	N/A
9. Monthly Average Interest Rate (Line C8 / 12)	0.00833%	0.00792%	0.00750%	0.00625%	0.00667%	0.00750%	0.00667%	0.00667%	0.00667%	0.00667%	0.00667%	0.00667%	N/A
10. Interest Provision for the Month (Line C4 x C9)	($386)	($566)	($597)	($510)	($625)	($832)	($884)	($990)	($1,140)	($1,259)	($1,223)	($1,193)	($10,206)

FLORIDA POWER & LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
CALCULATION OF ENERGY CONSERVATION COST RECOVERY (ECCR) REVENUES

SCHEDULE: C-4

JANUARY THROUGH JUNE 2015: ACTUAL JULY THROUGH DECEMBER 2015: ESTIMATED

MONTH	Jurisdictional kWh Sales	Clause Revenues Net of Revenue Tax [(a)]
January Actual	7,954,413,052	$14,965,321
February Actual	7,113,174,773	$13,754,790
March Actual	7,752,924,515	$14,995,005
April Actual	8,634,798,845	$16,314,863
May Actual	9,380,232,035	$17,549,181
June Actual	10,001,639,015	$18,522,666
July Estimated	10,205,924,732	$19,173,324
August Estimated	10,934,736,112	$20,542,503
September Estimated	10,469,100,043	$19,667,737
October Estimated	9,417,343,854	$17,691,859
November Estimated	8,334,528,596	$15,657,632
December Estimated	8,074,353,399	$15,168,855
Total	108,273,168,971	$204,003,736

[(a)] Revenue Tax for the period is .072% Regulatory Assessment Fee.

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC **SCHEDULE CT-1**
PAGE 1 OF 1

CONSERVATION ADJUSTMENT TRUE-UP

FOR MONTHS January-14 THROUGH December-14

1.	ADJUSTED END OF PERIOD TOTAL NET TRUE-UP		
2.	FOR MONTHS January-14 THROUGH December-14		
3.	END OF PERIOD NET TRUE-UP		
4.	PRINCIPAL	80,283	
5.	INTEREST	24	80,307
6.	LESS PROJECTED TRUE-UP		
7.	October-14 (DATE) HEARINGS		
8.	PRINCIPAL	72,427	
9.	INTEREST	(120)	72,307
10.	ADJUSTED END OF PERIOD TOTAL TRUE-UP		8,000

EXHIBIT NO. _____
DOCKET NO. 150002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-1)
PAGE 1 OF 22

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 150002-EG EXHIBIT: 6
PARTY: FLORIDA PUBLIC UTILITIES COMPANY (FPUC) – DIRECT
DESCRIPTION: Curtis D. Young

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-2
PAGE 1 OF 3

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS
ACTUAL VS PROJECTED

FOR MONTHS January-14 THROUGH December-14

		ACTUAL	PROJECTED*	DIFFERENCE
1.	LABOR/PAYROLL	330,517	322,309	8,208
2.	ADVERTISING	207,919	205,250	2,669
3.	LEGAL	8,809	7,969	840
4.	OUTSIDE SERVICES/CONTRACT	17,491	67,243	(49,752)
5.	VEHICLE COST	20,915	23,550	(2,635)
6.	MATERIAL & SUPPLIES	8,788	8,167	621
7.	TRAVEL	40,878	40,778	99
8.	GENERAL & ADMIN	0	0	0
9.	INCENTIVES	96,690	81,027	15,663
10.	OTHER	40,606	25,235	15,371
11.	SUB-TOTAL	772,612	781,528	(8,916)
12.	PROGRAM REVENUES			
13.	TOTAL PROGRAM COSTS	772,612	781,528	(8,916)
14.	LESS: PRIOR PERIOD TRUE-UP	(44,881)	(44,881)	0
15.	AMOUNTS INCLUDED IN RATE BASE			
16.	CONSERVATION ADJ REVENUE	(647,448)	(664,220)	16,772
17.				
18.	TRUE-UP BEFORE INTEREST	80,283	72,427	7,856
19.	ADD INTEREST PROVISION	24	(120)	144
20.	END OF PERIOD TRUE-UP	80,307	72,307	8,000

() REFLECTS OVERRECOVERY
* 6 MONTHS ACTUAL AND 6 MONTHS PROJECTED

EXHIBIT NO. _____
DOCKET NO. 150002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-1)
PAGE 2 OF 22

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-2
PAGE 2 OF 3

ACTUAL CONSERVATION PROGRAM COSTS PER PROGRAM

FOR MONTHS January-14 THROUGH December-14

	PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1.	Common	251,350	23,262	8,809	17,491	14,689	5,036	30,391	0	84	29,083	380,195		380,195
2.	Residential Energy Survey	62,821	56,770	0	0	5,013	3,098	8,422	0	0	11,158	147,281		147,281
3.	Loan Program (discontinued but remains open)											0		0
4.	Commercial Energy Survey	6,179	42,954	0	0	526	517	928	0	0	114	51,218		51,218
5.	Low Income Education											0		0
6.	Commercial Heating & Cooling Upgrade	397	5,450	0	0	98	13	90	0	1,259	7	7,314		7,314
7.	Residential Heating & Cooling Upgrade	5,254	65,953	0	0	319	77	592	0	34,316	128	106,639		106,639
8.	Commercial Indoor Efficient Lighting Rebate	3,340	4,299	0	0	213	33	359	0	15,220	85	23,549		23,549
9.	Commercial Window Film Installation Program	0	4,299	0	0	0	0	0	0	0	0	4,299		4,299
10.	Commercial Chiller Upgrade Program	1,176	4,280	0	0	58	15	95	0	796	31	6,451		6,451
11.	Solar Water Heating Program	0	652	0	0	0	0	0	0	0	0	652		652
12.	Solar Photovoltaic Program	0	0	0	0	0	0	0	0	45,015	0	45,015		45,015
13.	Electric Conservation Demonstration and Development	0	0	0	0	0	0	0	0	0	0	0		0
14.	Affordable Housing Builders and Providers											0		0
15.												0		0
16.												0		0
17.												0		0
18.												0		0
19.												0		0
20.												0		0
21.												0		0
22.												0		0
												0		0
	TOTAL ALL PROGRAMS	330,517	207,919	8,809	17,491	20,915	8,788	40,878	0	96,690	40,606	772,612	0	772,612

EXHIBIT NO. _____
DOCKET NO. 150002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-1)
PAGE 3 OF 22

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-2
PAGE 3 OF 3

CONSERVATION COSTS PER PROGRAM--VARIANCE ACTUAL VS PROJECTED
VARIANCE ACTUAL VS PROJECTED

FOR MONTHS January-14 THROUGH December-14

	PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1.	Common	14,856	10,923	840	(13,752)	(1,683)	122	801	0	(238)	19,621	31,491		31,491
2.	Residential Energy Survey	4,042	(26,727)	0	0	209	945	526	0	0	(1,933)	(22,939)		(22,939)
3.	Loan Program (discontinued but remains open)											0		0
4.	Commercial Energy Survey	(6,299)	(2,067)	0	0	(541)	(517)	(850)	0	0	(2,424)	(12,698)		(12,698)
5.	Low Income Education											0		0
6.	Commercial Heating & Cooling Upgrade	(2,500)	2,124	0	0	(250)	0	(250)	0	(2,122)	0	(2,997)		(2,997)
7.	Residential Heating & Cooling Upgrade	899	11,806	0	0	(48)	59	145	0	6,907	82	19,849		19,849
8.	Commercial Indoor Efficient Lighting Rebate	461	2,474	0	0	8	11	47	0	12,720	25	15,745		15,745
9.	Commercial Window Film Installation Program	(500)	2,474	0	0	(50)	0	(50)	0	(500)	0	1,374		1,374
10.	Commercial Chiller Upgrade Program	(500)	2,511	0	0	(50)	0	(50)	0	(1,704)	0	207		207
11.	Solar Water Heating Program	(500)	(98)	0	0	(50)	0	(50)	0	(750)	0	(1,448)		(1,448)
12.	Solar Photovoltaic Program	(500)	(750)	0	0	(50)	0	(50)	0	1,350	0	(0)		(0)
13.	Electric Conservation Demonstration and Development	(1,250)	0	0	(36,000)	(130)	0	(120)	0	0	0	(37,500)		(37,500)
14.	Affordable Housing Builders and Providers											0		0
15.												0		0
16.												0		0
17.												0		0
18.												0		0
19.												0		0
20.												0		0
21.												0		0
22.												0		0
	TOTAL ALL PROGRAMS	8,208	2,669	840	(49,752)	(2,635)	621	99	0	15,663	15,371	(8,916)	0	(8,916)

EXHIBIT NO. _____
DOCKET NO. 150002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-1)
PAGE 4 OF 22

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-3
PAGE 1 OF 3

ENERGY CONSERVATION ADJUSTMENT CALCULATION OF TRUE-UP AND INTEREST PROVISION
SUMMARY OF EXPENSES BY PROGRAM BY MONTH

FOR MONTHS January-14 THROUGH December-14

	A. CONSERVATION EXPENSE BY PROGRAM	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1.	Common	28,645	28,755	50,796	27,506	30,354	28,799	45,629	32,595	28,928	31,739	21,463	24,987	380,195
2.	Residential Energy Survey	16,186	19,072	18,765	16,565	12,488	11,394	6,529	11,065	7,754	12,195	9,574	5,694	147,281
3.	Loan Program (discontinued but remains open)													0
4.	Commercial Energy Survey	4,040	2,062	12,760	7,667	5,716	6,171	1,415	2,201	2,318	2,908	2,339	1,621	51,218
5.	Low Income Education													0
6.	Commercial Heating & Cooling Upgrade	-	694	812	-	300	505	1,066	459	469	656	983	1,369	7,314
7.	Residential Heating & Cooling Upgrade	7,861	10,974	(2,474)	2,335	6,147	3,946	19,005	12,032	10,068	14,116	11,223	11,406	106,639
8.	Commercial Indoor Efficient Lighting Rebate	-	-	57	-	1,659	1,987	16,451	459	1	792	819	1,324	23,549
9.	Commercial Window Film Installation Program	-	-	57	-	300	469	435	459	443	619	483	1,034	4,299
10.	Commercial Chiller Upgrade Program	-	-	-	414	1,261	469	435	459	443	656	483	1,034	5,655
11.	Solar Water Heating Program	-	-	-	-	-	-	-	-	796	152	500	-	1,448
12.	Solar Photovoltaic Program	-	-	40,013	-	-	-	-	-	-	5,002	-	-	45,015
13.	Electric Conservation Demonstration and Development	-	-	-	-	-	-	-	-	-	-	-	-	0
14.	Affordable Housing Builders and Providers													0
15.														0
16.														0
17.														0
18.														0
19.														0
20.														0
21.														0
22.														0
														0
21.	TOTAL ALL PROGRAMS	56,732	61,557	120,785	54,487	58,226	53,740	90,965	59,729	51,221	68,835	47,867	48,469	772,612
22.	LESS AMOUNT INCLUDED IN RATE BASE													
23.	RECOVERABLE CONSERVATION EXPENSES	56,732	61,557	120,785	54,487	58,226	53,740	90,965	59,729	51,221	68,835	47,867	48,469	772,612

EXHIBIT NO. _____
DOCKET NO. 150002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-1)
PAGE 5 OF 22

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-3
PAGE 2 OF 3

CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS January-14 THROUGH December-14

B.	CONSERVATION REVENUES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1.	RESIDENTIAL CONSERVATION	(57,222)	(59,128)	(49,396)	(41,942)	(49,105)	(55,730)	(65,950)	(62,479)	(62,309)	(49,409)	(45,300)	(49,478)	(647,448)
2.	CONSERVATION ADJ. REVENUES													0
3.	TOTAL REVENUES	(57,222)	(59,128)	(49,396)	(41,942)	(49,105)	(55,730)	(65,950)	(62,479)	(62,309)	(49,409)	(45,300)	(49,478)	(647,448)
4.	PRIOR PERIOD TRUE-UP ADJ. NOT APPLICABLE TO THIS PERIOD	(3,740)	(3,740)	(3,740)	(3,740)	(3,740)	(3,740)	(3,740)	(3,740)	(3,740)	(3,740)	(3,740)	(3,741)	(44,881)
5.	CONSERVATION REVENUE APPLICABLE	(60,962)	(62,868)	(53,136)	(45,682)	(52,845)	(59,470)	(69,690)	(66,219)	(66,049)	(53,149)	(49,040)	(53,219)	(692,329)
6.	CONSERVATION EXPENSES (FROM CT-3, PAGE 1, LINE 23)	56,732	61,557	120,785	54,487	58,226	53,740	90,965	59,729	51,221	68,835	47,867	48,469	772,612
7.	TRUE-UP THIS PERIOD (LINE 5 - 6)	(4,229)	(1,311)	67,649	8,804	5,381	(5,731)	21,276	(6,490)	(14,828)	15,686	(1,173)	(4,750)	80,283
8.	INTEREST PROVISION THIS PERIOD (FROM CT-3, PAGE 3, LINE 10)	(2)	(2)	0	2	2	2	3	4	3	3	4	5	24
9.	TRUE-UP AND INTEREST PROVISION BEGINNING OF MONTH	(44,881)	(45,372)	(42,945)	28,444	40,991	50,113	48,124	73,143	70,397	59,312	78,740	81,312	(44,881)
9A.	DEFERRED TRUE-UP BEGINNING OF PERIOD													
10.	PRIOR TRUE-UP COLLECTED (REFUNDED)	3,740	3,740	3,740	3,740	3,740	3,740	3,740	3,740	3,740	3,740	3,740	3,741	44,881
11.	TOTAL NET TRUE-UP (LINES 7+8+9+9A+10)	(45,372)	(42,945)	28,444	40,991	50,113	48,124	73,143	70,397	59,312	78,740	81,312	80,307	80,307

EXHIBIT NO. _____
DOCKET NO. 150002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-1)
PAGE 6 OF 22

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-3
PAGE 3 OF 3

CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS January-14 THROUGH December-14

C.	INTEREST PROVISION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1.	BEGINNING TRUE-UP (LINE B-9)	(44,881)	(45,372)	(42,945)	28,444	40,991	50,113	48,124	73,143	70,397	59,312	78,740	81,312	(44,881)
2.	ENDING TRUE-UP BEFORE INTEREST (LINES B7+B9+B9A+B10)	(45,370)	(42,943)	28,444	40,989	50,111	48,122	73,140	70,393	59,309	78,737	81,308	80,302	80,283
3.	TOTAL BEG. AND ENDING TRUE-UP	(90,251)	(88,315)	(14,501)	69,433	91,102	98,236	121,265	143,537	129,706	138,049	160,048	161,614	35,402
4.	AVERAGE TRUE-UP (LINE C-3 X 50%)	(45,126)	(44,158)	(7,250)	34,716	45,551	49,118	60,632	71,768	64,853	69,025	80,024	80,807	17,701
5.	INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	0.03%	0.05%	0.05%	0.06%	0.05%	0.05%	0.06%	0.07%	0.06%	0.04%	0.06%	0.07%	
6.	INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	0.05%	0.05%	0.06%	0.05%	0.05%	0.06%	0.07%	0.06%	0.04%	0.06%	0.07%	0.08%	
7.	TOTAL (LINE C-5 + C-6)	0.08%	0.10%	0.11%	0.11%	0.10%	0.11%	0.13%	0.13%	0.10%	0.10%	0.13%	0.15%	
8.	AVG. INTEREST RATE (C-7 X 50%)	0.04%	0.05%	0.06%	0.06%	0.05%	0.06%	0.07%	0.07%	0.05%	0.05%	0.07%	0.08%	
9.	MONTHLY AVERAGE INTEREST RATE	0.003%	0.004%	0.005%	0.005%	0.004%	0.005%	0.005%	0.005%	0.004%	0.004%	0.005%	0.006%	
10.	INTEREST PROVISION (LINE C-4 X C-9)	(2)	(2)	0	2	2	2	3	4	3	3	4	5	24

EXHIBIT NO. _____
DOCKET NO. 150002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-1)
PAGE 7 OF 22

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE OF CAPITAL INVESTMENT,DEPRECIATION & RETURN

FOR MONTHS January-14 THROUGH December-14

SCHEDULE CT-4
PAGE 1 OF 1

PROGRAM NAME:

		BEGINNING OF PERIOD	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1.	INVESTMENT														
2.	DEPRECIATION BASE														
3.	DEPRECIATION EXPENSE														
4.	CUMULATIVE INVESTMENT														
5.	LESS:ACCUMULATED DEPRECIATION														
6.	NET INVESTMENT														
7.	AVERAGE INVESTMENT														
8.	RETURN ON AVERAGE INVESTMENT														
9.	RETURN REQUIREMENTS														
10.	TOTAL DEPRECIATION AND RETURN														NONE

EXHIBIT NO. _____
DOCKET NO. 150002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-1)
PAGE 8 OF 22

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-5
PAGE 1 OF 1

RECONCILIATION AND EXPLANATION OF
DIFFERENCES BETWEEN FILING AND PSC AUDIT

FOR MONTHS January-14 THROUGH December-14

AUDIT EXCEPTION: TO OUR KNOWLEDGE, NONE EXIST

COMPANY RESPONSE:

EXHIBIT NO. _____
DOCKET NO. 150002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-1)
PAGE 9 OF 22

1. Residential Energy Survey Program
2. Commercial Energy Survey Program
3. Educational/Low Income Program
4. Commercial Heating & Cooling Upgrade Program
5. Residential Heating & Cooling Upgrade Program
6. Commercial Indoor Efficient Lighting Rebate Program
7. Commercial Window Film Installation Program
8. Commercial Chiller Upgrade Program
9. Solar Water Heating Program
10. Solar Photovoltaic Program
11. Conservation Demonstration and Development Program
12. Educational/ Affordable Housing Builders and Providers Program

PROGRAM TITLE: Residential Energy Survey Program

PROGRAM DESCRIPTION: The Residential Energy Survey Program is provided at no cost to the customer and provides participating customers with information they need to determine which energy saving measures are best suited to their individual needs and requirements. The objective of this type of survey is to provide Florida Public Utilities Company's residential customers with energy conservation advice that encourages the implementation of efficiency measures resulting in energy savings for the customer. These measures, once implemented, also lower Florida Public Utilities Company's energy requirements and improve operating efficiencies. Florida Public Utilities Company views this program as a way of promoting the installation of cost-effective conservation measures. During the survey process, the customer is provided with specific whole-house recommendations.

PROGRAM ACCOMPLISHMENTS: This year a total of 299 residential energy surveys were performed.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2014 through December 31, 2014 were **$147,281**.

PROGRAM PROGRESS SUMMARY: We feel confident that through our efforts to promote this program through print, radio, television, events and social media we will continue to provide valuable advice to our customers on the topics of energy conservation and energy efficiency measures and practices.

PROGRAM TITLE: Commercial Energy Survey Program

PROGRAM DESCRIPTION: The Commercial Energy Survey Program provides participating customers with a free energy audit that provides customized information to meet the individual needs of small and large customers; therefore, it is an evolving program. The survey process consists of an on-site review of the customer's facility operation, equipment, and energy usage pattern by a Florida Public Utilities Company Energy Conservation Representative. The Energy Conservation Representative identifies areas of potential reduction in kW demand and kWh consumption as well as identifying end-use technology opportunities. A technical evaluation is then performed to determine the economic payback or life cycle cost for various improvements to the facility. Florida Public Utilities Company will subcontract the evaluation process to an independent engineering firm and/or contracting consultant, if necessary.

PROGRAM ACCOMPLISHMENTS: This year a total of 41 audits were completed during the reporting period.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2014 through December 31, 2014 were **$51,218**.

PROGRAM PROGRESS SUMMARY: Even though this program did not reach its goal, we are optimistic that our commercial customers will continue to involve us to an even greater extent in the future on the topics of energy conservation and energy efficiency measures and practices.

PROGRAM TITLE: Educational/Low Income Program

PROGRAM DESCRIPTION: Florida Public Utilities Company presently has energy education programs that identify low-cost and no-cost energy conservation measures. To better assist low-income customers in managing their energy purchases, the presentations and formats of these energy education programs are tailored to the audience. These programs provide basic energy education, as well as inform the customers of other specific services, such as the free energy surveys that Florida Public Utilities Company currently offers.

PROGRAM ACCOMPLISHMENTS: Even though there are no goals for this program we continue to work through various agencies to provide home energy surveys to low income customers as well as evaluating homes for local agencies for possible energy efficiency improvements.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2014 through December 31, 2014 were **$0**.

PROGRAM PROGRESS SUMMARY: Even though this year there were not any special events or presentations directly related to Low Income customers we will continue to promote the opportunity to educate low-income customers on the benefits of an energy efficient home.

PROGRAM TITLE: Commercial Heating & Cooling Efficiency Upgrade Program

PROGRAM DESCRIPTION: The Commercial Heating & Cooling Efficiency Upgrade Program is directed at reducing the rate of growth in peak demand as well as reducing energy consumption throughout Florida Public Utilities Company's commercial sector. The program will do this by increasing the saturation of high-efficiency heat pumps and central air conditioning systems.

PROGRAM ACCOMPLISHMENTS: For the reporting period, 13 customers participated in the Commercial Heating & Cooling Efficiency Upgrade Program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2014 through December 31, 2014 were **$7,314**.

PROGRAM PROGRESS SUMMARY: Even though there was low participation in this program, we will continue our efforts to promote this program to our commercial customers.

PROGRAM TITLE: Residential Heating & Cooling Efficiency Upgrade Program

PROGRAM DESCRIPTION: Residential Heating & Cooling Efficiency Upgrade Program is directed at reducing the rate of growth in peak demand and energy throughout Florida Public Utilities Company's electricity service territories. The program will do this by increasing the saturation of high-efficiency heat pumps and central air-conditioning systems.

PROGRAM ACCOMPLISHMENTS: For the reporting period, 271 customers participated in the residential heating and cooling efficiency upgrade program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2014 through December 31, 2014 were **$106,639**.

PROGRAM PROGRESS SUMMARY: This program has continued to be successful over the years and we are optimistic that our residential customers will continue to find value in this program.

PROGRAM TITLE: Commercial Indoor Efficient Lighting Rebate Program

PROGRAM DESCRIPTION: The Commercial Indoor Efficient Lighting Rebate Program is directed at reducing peak demand and energy consumption by decreasing the load presented by commercial lighting equipment. To serve this purpose, this program requires that commercial customers achieve at least 1,000 watts of lighting reduction by either replacing ballasts and lamps, qualifying for a $.010 per watt reduced incentive or by replacing lamps only for an incentive of $0.025 per watt reduced (maximum $100 rebate).

PROGRAM ACCOMPLISHMENTS: For the reporting period, 6 customers participated in the Commercial Indoor Efficient Lighting Rebate Program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2014 through December 31, 2014 were **$23,549**.

PROGRAM PROGRESS SUMMARY: Even though we did not meet our goal for this program, we will continue our efforts in 2015 to promote this program.

PROGRAM TITLE: Commercial Window Film Installation Program

PROGRAM DESCRIPTION: The Commercial Window Film Installation Program is directed at reducing peak demand and energy by decreasing the load on commercial air conditioning equipment. To serve this purpose, Florida Public Utilities Company will provide rebates of $0.50 per square foot of covered area (at a maximum of $100 per customer) for solar window film installations with a shading coefficient of 0.45 or less. An on-site inspection should be scheduled with FPUC prior to installation.

PROGRAM ACCOMPLISHMENTS: For the reporting period, 0 customers participated in the Commercial Window Film Installation Program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2014 through December 31, 2014 were **$4,299**.

PROGRAM PROGRESS SUMMARY: Even though we did not meet our goal for this program, we have adjusted our program standards to allow all installations, regardless of what direction they are facing, to qualify and expect increased participation in this program for 2015.

PROGRAM TITLE: Commercial Chiller Upgrade Program

PROGRAM DESCRIPTION: The Commercial Chiller Upgrade Program is directed at reducing the rate of growth in peak demand and energy throughout Florida Public Utilities Company's commercial sector. To serve this purpose, this program requires that commercial customers replace existing chillers with a more efficient system. By doing so, they will qualify for an incentive of up to $100 per kW of additional savings above the minimum efficiency levels.

PROGRAM ACCOMPLISHMENTS: For the reporting period, 2 customers participated in the Commercial Chiller Upgrade Program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2014 through December 31, 2014 were **$6,451**.

PROGRAM PROGRESS SUMMARY: We met our goal for this year and we are optimistic that our commercial customers will continue to find value in this program.

PROGRAM TITLE: Solar Water Heating Program

PROGRAM DESCRIPTION: The Solar Water Heating Program is directed at reducing the consumption of electric energy and fossil fuels in Florida Public Utilities Company's service territory. Florida Public Utilities Company will provide a rebate of $200 for eligible solar water heating installations. All of Florida Public Utilities Company's customers are eligible to participate in this program but each customer can only receive one incentive payment of $200, regardless of the amount of installations.

PROGRAM ACCOMPLISHMENTS: For the reporting period, 0 customers participated in the Solar Water Heating Program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2014 through December 31, 2014 were **$652**.

PROGRAM PROGRESS SUMMARY: Although our goal of 12 installations for this program was not met, we used over 96% of the dollars allotted for renewable energy programs and look forward to increased participation in 2015.

PROGRAM TITLE: Solar Photovoltaic Program

PROGRAM DESCRIPTION: The primary purpose of the Solar Water Heating Program is to encourage the installation of solar photovoltaic systems and reduce the consumption of fossil fuels used to generate electricity. Florida Public Utilities Company will provide an incentive of $2.00 per watt of dc solar PV installed, up to a maximum of $5000. Excess generation from the solar PV installation will be purchased by Florida Public Utilities Company under the terms of the Northwest Florida Division Rate Schedule REN-1 or the Northeast Florida Division Rate Schedule REN-1.

PROGRAM ACCOMPLISHMENTS: For the reporting period, 9 customers participated in the Solar Photovoltaic Program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2014 through December 31, 2014 were **$45,015**.

PROGRAM PROGRESS SUMMARY: This program was very successful this year and we are optimistic that our customers will continue to find value in this program.

PROGRAM TITLE: Conservation Demonstration and Development Program

PROGRAM DESCRIPTION: The primary purpose of the Conservation Demonstration and Development (CDD) program is to pursue research, development, and demonstration projects that are designed to promote energy efficiency and conservation. This program will supplement and complement the other demand-side management programs offered by Florida Public Utilities Company. The CDD program is meant to be an umbrella program for the identification, development, demonstration, and evaluation of promising new end-use technologies. The CDD program does not focus on any specific end-use technology but, instead, will address a wide variety of energy applications.

PROGRAM ACCOMPLISHMENTS: Even though there were no specific projects completed under this program in 2014, we continue to explore new technologies for applicability to this program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2014 through December 31, 2014 were **$0**.

PROGRAM PROGRESS SUMMARY: Even though there is no particular goal for this program we continue to explore new technologies for applicability to this program.

PROGRAM TITLE: Affordable Housing Builders and Providers

PROGRAM DESCRIPTION: Florida Public Utilities Company will identify the affordable housing builders within the service area and will encourage them to attend educational seminars and workshops related to energy efficient construction, retrofit programs, and financing programs. The Company will also encourage them to participate in our other residential programs. Florida Public Utilities Company will work with the Florida Energy Extension Service and other seminar sponsors to offer to facilitate a minimum of two seminars and/or workshops per year. Florida Public Utilities Company will work with all sponsors to reduce or eliminate attendance fees for affordable housing providers.

PROGRAM ACCOMPLISHMENTS: Even though there are no goals for this program we continue to promote energy efficient construction to affordable housing providers.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2014 through December 31, 2014 were **$0**.

PROGRAM PROGRESS SUMMARY: Even though there are no goals for this program we continue to promote energy efficient construction to affordable housing providers.

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION

SCHEDULE C-1
PAGE 1 OF 1

ENERGY CONSERVATION ADJUSTMENT
SUMMARY OF COST RECOVERY CLAUSE CALCULATION

FOR MONTHS January-16 THROUGH December-16

1.	TOTAL INCREMENTAL COSTS (SCHEDULE C-2,PAGE 1, LINE 33)	687,400
2.	TRUE-UP (SCHEDULE C-3,PAGE 4,LINE 11)	203,237
3.	TOTAL (LINE 1 AND LINE 2)	890,637
4.	RETAIL KWH SALES	659,075,618
5.	COST PER KWH	0.00135134
6.	REVENUE TAX MULTIPLIER *	1.00072
7.	ADJUSTMENT FACTOR ADJUSTED FOR TAXES (LINE 5 X LINE 6)	0.00135200
8.	CONSERVATION ADJUSTMENT FACTOR- (ROUNDED TO THE NEAREST .001 CENTS PER KWH)	0.135

EXHIBIT NO. _____
DOCKET NO.150002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-2)
PAGE 1 OF 20

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 150002-EG EXHIBIT: 7
PARTY: FLORIDA PUBLIC UTILITIES COMPANY (FPUC) – DIRECT
DESCRIPTION: Curtis D. Young

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION

SCHEDULE C-2
PAGE 1 OF 3

ESTIMATED CONSERVATION PROGRAM COSTS

FOR MONTHS January-16 THROUGH December-16

A.	ESTIMATED EXPENSE BY PROGRAM	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1	Common	32,500	32,500	32,500	32,500	32,500	32,500	32,500	32,500	32,500	32,500	32,500	32,500	390,000
2	Residential Energy Survey Program	8,542	8,542	8,542	8,542	8,542	8,542	8,542	8,542	8,542	8,542	8,542	8,542	102,500
3	Commercial Heating and Cooling Upgrade	442	442	442	442	442	442	442	442	442	442	442	442	5,300
4	Residential Heating and Cooling Upgrade	4,683	4,683	4,683	4,683	4,683	4,683	4,683	4,683	4,683	4,683	4,683	4,683	56,200
5	Commercial Chiller Upgrade Program	408	408	408	408	408	408	408	408	408	408	408	408	4,900
6	Electric Conserv. Demonstration and Development	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	75,000
7	Low Income Program	1,258	1,258	1,258	1,258	1,258	1,258	1,258	1,258	1,258	1,258	1,258	1,258	15,100
8	Commercial Reflective Roof	1,975	1,975	1,975	1,975	1,975	1,975	1,975	1,975	1,975	1,975	1,975	1,975	23,700
9	Commercial Energy Consultation	1,225	1,225	1,225	1,225	1,225	1,225	1,225	1,225	1,225	1,225	1,225	1,225	14,700
31.	TOTAL ALL PROGRAMS	57,283	57,283	57,283	57,283	57,283	57,283	57,283	57,283	57,283	57,283	57,283	57,283	687,400
32.	LESS AMOUNT INCLUDED IN RATE BASE													
33.	RECOVERABLE CONSERVATION EXPENSES	57,283	57,283	57,283	57,283	57,283	57,283	57,283	57,283	57,283	57,283	57,283	57,283	687,400

EXHIBIT NO. _____
DOCKET NO.150002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-2)
PAGE 2 OF 20

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION

SCHEDULE C-2
PAGE 2 OF 3

ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM

FOR MONTHS January-16 THROUGH December-16

	PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1	Common	235,000	10,000	20,000	40,000	25,000	10,000	25,000	0	0	25,000	390,000	0	390,000
2	Residential Energy Survey Program	60,000	15,000	0	0	7,500	5,000	5,000	0	0	10,000	102,500	0	102,500
3	Commercial Heating and Cooling Upgrade	1,000	2,500	0	0	0	100	100	0	1,500	100	5,300	0	5,300
4	Residential Heating and Cooling Upgrade	5,000	20,000	0	0	500	100	500	0	30,000	100	56,200	0	56,200
5	Commercial Chiller Upgrade Program	1,000	2,500	0	0	100	100	100	0	1,000	100	4,900	0	4,900
6	Electric Conserv. Demonstration and Development	2,500	0	0	72,500	0	0	0	0	0	0	75,000	0	75,000
7	Low Income Program	5,000	7,500	0	0	1,000	1,000	500	0	0	100	15,100	0	15,100
8	Commercial Reflective Roof	5,000	12,500	0	0	500	100	500	0	5,000	100	23,700	0	23,700
9	Commercial Energy Consultation	7,500	5,000	0	0	1,000	100	1,000	0	0	100	14,700	0	14,700
31.	TOTAL ALL PROGRAMS	322,000	75,000	20,000	112,500	35,600	16,500	32,700	0	37,500	35,600	687,400	0	687,400
32.	LESS: BASE RATE RECOVERY													
33.	NET PROGRAM COSTS	322,000	75,000	20,000	112,500	35,600	16,500	32,700	0	37,500	35,600	687,400	0	687,400

EXHIBIT NO. _____
DOCKET NO.150002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-2)
PAGE 3 OF 20

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION

SCHEDULE C-2
PAGE 3 OF 3

SCHEDULE OF CAPITAL INVESTMENT,DEPRECIATION & RETURN

ESTIMATED FOR MONTHS January-16 THROUGH December-16

PROGRAM NAME:

		BEGINNING OF PERIOD	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1.	INVESTMENT	NONE													
2.	DEPRECIATION BASE														
3.	DEPRECIATION EXPENSE														
4.	CUMULATIVE INVESTMENT														
5.	LESS:ACCUMULATED DEPRECIATION														
6.	NET INVESTMENT														
7.	AVERAGE NET INVESTMENT														
8.	RETURN ON AVERAGE INVESTMENT														
9.	EXPANSION FACTOR														
10.	RETURN REQUIREMENTS														
11.	TOTAL DEPRECIATION EXPENSE AND RETURN REQUIREMENT														NONE

EXHIBIT NO. _____
DOCKET NO.150002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-2)
PAGE 4 OF 20

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
CONSERVATION PROGRAM COSTS

SCHEDULE C-3
PAGE 1 OF 5

ACTUAL FOR MONTHS January-15 THROUGH June-15
ESTIMATED FOR MONTHS July-15 THROUGH December-15

	PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1.	Common													
	A. ACTUAL	125,229	1,790	12,167	59,132	6,218	3,402	15,446	0	0	9,838	233,222		233,222
	B. ESTIMATED	125,000	7,500	5,000	30,000	8,500	3,500	16,500	0	250	4,502	200,752		200,752
	C. TOTAL	250,229	9,290	17,167	89,132	14,718	6,902	31,946	0	250	14,340	433,974		433,974
2.	Residential Energy Survey Program													
	A. ACTUAL	33,942	7,174	0	0	3,398	920	3,903	0	0	7,782	57,120		57,120
	B. ESTIMATED	25,000	37,500	0	0	2,500	500	3,750	0	0	6,500	75,750		75,750
	C. TOTAL	58,942	44,674	0	0	5,898	1,420	7,653	0	0	14,282	132,870		132,870
3.	Commercial Energy Survey													
	A. ACTUAL	3,550	3,835	0	0	425	77	420	0	0	104	8,410		8,410
	B. ESTIMATED	5,000	10,000	0	0	500	100	500	0	0	250	16,350		16,350
	C. TOTAL	8,550	13,835	0	0	925	177	920	0	0	354	24,760		24,760
4.	Commercial Heating and Cooling Upgrade													
	A. ACTUAL	0	7	0	0	0	0	0	0	100	0	107		107
	B. ESTIMATED	1,000	1,000	0	0	50	0	48	0	2,500	0	4,598		4,598
	C. TOTAL	1,000	1,007	0	0	50	0	48	0	2,600	0	4,705		4,705
5.	Residential Heating and Cooling Upgrade													
	A. ACTUAL	952	5,417	0	0	70	22	151	0	18,520	24	25,156		25,156
	B. ESTIMATED	2,500	50,000	0	0	250	0	500	0	15,000	250	68,500		68,500
	C. TOTAL	3,452	55,417	0	0	320	22	651	0	33,520	274	93,656		93,656
6	Commercial Indoor Efficient Lighting													
	A. ACTUAL	4,830	7	0	0	398	53	623	0	0	114	6,024		6,024
	B. ESTIMATED	500	500	0	0	50	0	50	0	1,000	0	2,100		2,100
	C. TOTAL	5,330	507	0	0	448	53	673	0	1,000	114	8,124		8,124
7.	Commercial Window Film Installation													
	A. ACTUAL	0	7	0	0	0	0	0	0	102	0	109		109
	B. ESTIMATED	500	500	0	0	48	0	50	0	500	0	1,598		1,598
	C. TOTAL	500	507	0	0	48	0	50	0	602	0	1,707		1,707
	SUB-TOTAL ACTUAL	168,503	18,237	12,167	59,132	10,508	4,474	20,544	0	18,722	17,861	330,149		330,149
	SUB-TOTAL ESTIMATED	159,500	107,000	5,000	30,000	11,898	4,100	21,398	0	19,250	11,502	369,648		369,648
LESS:	PRIOR YEAR AUDIT ADJ.													
	ACTUAL											0		0
	ESTIMATED													
	TOTAL													
NET	PROGRAM COSTS		SEE PAGE 1A											

EXHIBIT NO. _____
DOCKET NO.150002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-2)
PAGE 5 OF 20

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
CONSERVATION PROGRAM COSTS

SCHEDULE C-3
PAGE 1A OF 5

ACTUAL FOR MONTHS January-15 THROUGH June-15
ESTIMATED FOR MONTHS July-15 THROUGH December-15

	PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
8.	Commercial Chiller Upgrade													
	A. ACTUAL	283	7	0	0	34	4	49	0	0	7	384		384
	B. ESTIMATED	500	500	0	0	48	0	50	0	500	0	1,598		1,598
	C. TOTAL	783	507	0	0	82	4	99	0	500	7	1,982		1,982
9.	Solar Water Heater													
	A. ACTUAL	0	0	0	0	0	0	0	0	0	0	0		0
	B. ESTIMATED	250	250	0	0	50	0	50	0	500	0	1,100		1,100
	C. TOTAL	250	250	0	0	50	0	50	0	500	0	1,100		1,100
10.	Solar Photovoltaic													
	A. ACTUAL	0	0	0	0	0	0	0	0	40,013	0	40,013		40,013
	B. ESTIMATED	500	250	0	0	50	0	50	0	21,500	0	22,350		22,350
	C. TOTAL	500	250	0	0	50	0	50	0	61,513	0	62,363		62,363
11.	Electric Demonstration													
	A. ACTUAL	0	0	0	13,344	0	0	0	0	0	0	13,344		13,344
	B. ESTIMATED	1,250	0	0	36,000	130	0	120	0	0	0	37,500		37,500
	C. TOTAL	1,250	0	0	49,344	130	0	120	0	0	0	50,844		50,844
12.														
	A. ACTUAL	0	0	0	0	0	0	0	0	0	0	0		0
	B. ESTIMATED	0	0	0	0	0	0	0	0	0	0	0		0
	C. TOTAL	0	0	0	0	0	0	0	0	0	0	0		0
13														
	A. ACTUAL	0	0	0	0	0	0	0	0	0	0	0		0
	B. ESTIMATED	0	0	0	0	0	0	0	0	0	0	0		0
	C. TOTAL	0	0	0	0	0	0	0	0	0	0	0		0
14.														
	A. ACTUAL	0	0	0	0	0	0	0	0	0	0	0		0
	B. ESTIMATED	0	0	0	0	0	0	0	0	0	0	0		0
	C. TOTAL	0	0	0	0	0	0	0	0	0	0	0		0
	TOTAL ACTUAL	168,786	18,245	12,167	72,476	10,542	4,478	20,592	0	58,735	17,868	383,889	0	383,889
	TOTAL ESTIMATED	162,000	108,000	5,000	66,000	12,176	4,100	21,668	0	41,750	11,502	432,196	0	432,196
	LESS: PRIOR YEAR AUDIT ADJ.													
	ACTUAL											0		0
	ESTIMATED													
	TOTAL													
NET	PROGRAM COSTS	330,786	126,245	17,167	138,476	22,718	8,578	42,260	0	100,485	29,370	816,085	0	816,085

EXHIBIT NO. _____
DOCKET NO.150002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-2)
PAGE 6 OF 20

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN

SCHEDULE C-3
PAGE 2 OF 5

ACTUAL FOR MONTHS January-15 THROUGH June-15
ESTIMATED FOR MONTHS July-15 THROUGH December-15

		BEGINNING OF PERIOD	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1.	INVESTMENT	NONE													
2.	DEPRECIATION BASE														
3.	DEPRECIATION EXPENSE														
4.	CUMULATIVE INVESTMENT														
5.	LESS:ACCUMULATED DEPRECIATION														
6.	NET INVESTMENT														
7.	AVERAGE NET INVESTMENT														
8.	RETURN ON AVERAGE INVESTMENT														
9.	EXPANSION FACTOR														
10.	RETURN REQUIREMENTS														
11.	TOTAL DEPRECIATION EXPENSE AND RETURN REQUIREMENT														NONE

EXHIBIT NO. _____
DOCKET NO.150002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-2)
PAGE 7 OF 20

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
CONSERVATION PROGRAM COSTS

SCHEDULE C-3
PAGE 3 OF 5

ACTUAL FOR MONTHS January-15 THROUGH June-15
ESTIMATED FOR MONTHS July-15 THROUGH December-15

A. ESTIMATED EXPENSE BY PROGRAM	ACTUAL JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL ACTUAL	ESTIMATED JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL ESTIMATED	GRAND TOTAL
1 Common	28,634	27,554	29,838	80,401	89,671	(22,876)	233,222	33,458	33,458	33,458	33,458	33,458	33,462	200,752	433,974
2 Residential Energy Survey Program	9,073	10,867	13,266	13,542	4,445	5,927	57,120	12,625	12,625	12,625	12,625	12,625	12,625	75,750	132,870
3 Commercial Energy Survey	1,434	1,084	2,830	1,123	599	1,341	8,410	2,725	2,725	2,725	2,725	2,725	2,725	16,350	24,760
4 Commercial Heating and Cooling Upgrade	(1)	8	0	100	0	0	107	767	767	767	767	767	763	4,598	4,705
5 Residential Heating and Cooling Upgrade	3,090	3,062	46,678	(37,735)	3,555	6,507	25,156	11,417	11,417	11,417	11,417	11,417	11,413	68,498	93,654
6 Commercial Indoor Efficient Lighting	721	8	0	764	3,402	1,130	6,024	350	350	350	350	350	350	2,100	8,124
7 Commercial Window Film Installation	(1)	8	0	102	0	0	109	267	267	267	267	267	263	1,598	1,707
8 Commercial Chiller Upgrade	(1)	8	0	0	0	377	384	267	267	267	267	267	263	1,598	1,982
9 Solar Water Heater	0	0	0	0	0	0	0	183	183	183	183	183	187	1,102	1,102
10 Solar Photovoltaic	0	0	600	39,413	0	0	40,013	3,725	3,725	3,725	3,725	3,725	3,725	22,350	62,363
11 Electric Demonstration	0	0	8,896	4,448	0	0	13,344	6,250	6,250	6,250	6,250	6,250	6,250	37,500	50,844
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prior period audit adj.															
31. TOTAL ALL PROGRAMS	42,950	42,599	102,108	102,157	101,671	(7,596)	383,889	72,034	72,034	72,034	72,034	72,034	72,026	432,196	816,085
32. LESS AMOUNT INCLUDED IN RATE BASE															
33. RECOVERABLE CONSERVATION EXPENSES	42,950	42,599	102,108	102,157	101,671	(7,596)	383,889	72,034	72,034	72,034	72,034	72,034	72,026	432,196	816,085

EXHIBIT NO. _____
DOCKET NO.150002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-2)
PAGE 8 OF 20

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
ENERGY CONSERVATION ADJUSTMENT
CALCULATION OF TRUE UP AND INTEREST PROVISION

SCHEDULE C-3
PAGE 4 OF 5

ACTUAL FOR MONTHS **January-15** **THROUGH** **June-15**
ESTIMATED FOR MONTHS **July-15** **THROUGH** **December-15**

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
B.	CONSERVATION REVENUES													
1.	RCS AUDIT FEES													
	a.													
	b.													
	c.													
2.	CONSERVATION ADJ REVENUE (NET OF REVENUE TAXES)	(57,378)	(58,806)	(53,504)	(46,987)	(48,322)	(59,198)	(71,132)	(70,146)	(69,010)	(59,227)	(47,587)	(51,976)	(693,273)
3.	TOTAL REVENUES	(57,378)	(58,806)	(53,504)	(46,987)	(48,322)	(59,198)	(71,132)	(70,146)	(69,010)	(59,227)	(47,587)	(51,976)	(693,273)
4.	PRIOR PERIOD TRUE-UP--ADJ NOT APPLICABLE TO PERIOD	6,692	6,692	6,692	6,692	6,692	6,692	6,692	6,692	6,692	6,692	6,692	6,695	80,307
5.	CONSERVATION REVENUES APPLICABLE TO PERIOD	(50,686)	(52,114)	(46,812)	(40,295)	(41,630)	(52,506)	(64,440)	(63,454)	(62,318)	(52,535)	(40,895)	(45,281)	(612,966)
6.	CONSERVATION EXPENSES (FORM C-3,PAGE 3)	42,950	42,599	102,108	102,157	101,671	(7,596)	72,034	72,034	72,034	72,034	72,034	72,026	816,085
7.	TRUE-UP THIS PERIOD	(7,736)	(9,515)	55,297	61,862	60,041	(60,102)	7,594	8,580	9,716	19,499	31,139	26,745	203,120
8.	INTEREST PROVISION THIS PERIOD (C-3,PAGE 5)	5	4	4	7	13	13	11	11	11	11	13	14	117
9.	TRUE-UP & INTEREST PROVISION	80,307	65,884	49,681	98,290	153,467	206,829	140,048	140,961	142,860	145,895	158,713	183,173	80,307
10.	PRIOR TRUE-UP REFUNDED (COLLECTED)	(6,692)	(6,692)	(6,692)	(6,692)	(6,692)	(6,692)	(6,692)	(6,692)	(6,692)	(6,692)	(6,692)	(6,695)	(80,307)
	2012 Audit adj.													0
11.	END OF PERIOD TOTAL NET TRUE-UP (SUM OF LINES 7,8,9,10)	65,884	49,681	98,290	153,467	206,829	140,048	140,961	142,860	145,895	158,713	183,173	203,237	203,237

EXHIBIT NO. _____
DOCKET NO.150002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-2)
PAGE 9 OF 20

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
ENERGY CONSERVATION ADJUSTMENT
CALCULATION OF TRUE UP AND INTEREST PROVISION

SCHEDULE C-3
PAGE 5 OF 5

ACTUAL FOR MONTHS **January-15** **THROUGH** **June-15**
ESTIMATED FOR MONTHS **July-15** **THROUGH** **December-15**

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
C.	INTEREST PROVISION													
1.	BEGINNING TRUE-UP (LINE B-9)	80,307	65,884	49,681	98,290	153,467	206,829	140,048	140,961	142,860	145,895	158,713	183,173	203,237
2.	ENDING TRUE-UP BEFORE INTEREST (LINE B7+B9+B10)	65,879	49,677	98,286	153,460	206,816	140,035	140,950	142,849	145,884	158,702	183,160	203,223	203,120
3.	TOTAL BEG. AND ENDING TRUE-UP	146,186	115,561	147,966	251,750	360,283	346,863	280,997	283,809	288,743	304,596	341,872	386,395	406,356
4.	AVERAGE TRUE-UP (LINE C-3 X 50 %)	73,093	57,780	73,983	125,875	180,141	173,432	140,499	141,905	144,372	152,298	170,936	193,198	203,178
5.	INTEREST RATE-FIRST DAY OF REPORTING BUSINESS MONTH	0.08%	0.09%	0.08%	0.06%	0.08%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	
6.	INTEREST RATE-FIRST DAY OF SUBSEQUENT BUSINESS MONTH	0.09%	0.08%	0.06%	0.08%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	
7.	TOTAL (LINE C-5 + C-6)	0.17%	0.17%	0.14%	0.14%	0.17%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	
8.	AVG INTEREST RATE (C-7 X 50%)	0.09%	0.09%	0.07%	0.07%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	
9.	MONTHLY AVERAGE INTEREST RATE	0.007%	0.007%	0.006%	0.006%	0.007%	0.008%	0.008%	0.008%	0.008%	0.008%	0.008%	0.008%	
10.	INTEREST PROVISION (LINE C-4 X C-9)	5	4	4	7	13	13	11	11	11	11	13	14	117

EXHIBIT NO. _____
DOCKET NO.150002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-2)
PAGE 10 OF 20

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
CALCULATION OF CONSERVATION REVENUES

SCHEDULE C-4
PAGE 1 OF 1

FOR THE PERIOD January-15 THROUGH December-16

	MONTH	KWH/THERM SALES (000) (NET OF 3RD PARTY)	CONSERVATION ADJUSTMENT REVENUE (NET OF REVENUE TAXES)	RATE
2015	JANUARY	53,991	57,378	ACTUAL
	FEBRUARY	55,037	58,806	ACTUAL
	MARCH	50,058	53,504	ACTUAL
	APRIL	43,984	46,987	ACTUAL
	MAY	45,232	48,322	ACTUAL
	JUNE	55,410	59,198	ACTUAL
	JULY	66,426	71,132	0.107085
	AUGUST	65,505	70,146	0.107086
	SEPTEMBER	64,444	69,010	0.107086
	OCTOBER	55,309	59,227	0.107084
	NOVEMBER	44,438	47,587	0.107086
	DECEMBER	48,537	51,976	0.107086
	SUB-TOTAL	648,370	693,273	
2016	JANUARY	56,540	76,405	0.135134
	FEBRUARY	56,789	76,741	0.135134
	MARCH	51,125	69,088	0.135134
	APRIL	43,852	59,259	0.135134
	MAY	48,397	65,401	0.135134
	JUNE	56,706	76,629	0.135134
	JULY	68,382	92,408	0.135134
	AUGUST	64,587	87,280	0.135134
	SEPTEMBER	64,504	87,167	0.135134
	OCTOBER	51,224	69,221	0.135134
	NOVEMBER	46,213	62,450	0.135134
	DECEMBER	50,756	68,589	0.135134
	SUB-TOTAL	659,076	890,638	
	TOTALS	1,307,445	1,583,911	

EXHIBIT NO. _____
DOCKET NO.150002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-2)
PAGE 11 OF 20

Program

1. Residential Energy Survey Program
2. Commercial Heating and Cooling Upgrade Program
3. Residential Heating and Cooling Upgrade Program
4. Commercial Chiller Upgrade Program
5. Conservation Demonstration and Development Program
6. Low Income Program
7. Commercial Reflective Roof Program
8. Commercial Energy Consultation Program

PROGRAM TITLE:
Residential Energy Survey Program

PROGRAM DESCRIPTION:
The objective of the Residential Energy Survey Program is to provide FPUC's residential customers with energy conservation advice that encourages the implementation of efficiency measures resulting in energy savings for the customer. These measures, once implemented, also lower FPUC's energy requirements and improve operating efficiencies. FPUC views this program as a way of promoting the installation of cost-effective conservation features. During the survey process, the customer is provided with specific whole-house recommendations. The survey process also checks for possible duct leakage. If a problem is identified, recommendations are made for further analysis and repairs. Blower-door testing is required to identify and quantify the duct leakage. FPUC provides the customer with a list of contractors that provide blower-door testing. After the blower-door test contractor identifies the leakage sites and quantities, the customer is given a written summary of the test findings and the potential for savings, along with a list of approved repair contractors. During the survey, FPUC will provide the customer with a conservation kit as appropriate. The kit includes two LED bulbs, weather stripping, chalk, insulators for wall sockets and light switches, and a water temperature thermometer. While the contents of the conservation kit will result in demand and energy savings, its purpose is to provide the customer with actual samples of low and no cost measures the customer can take to reduce their energy costs.

PROGRAM PROJECTIONS:
For the twelve-month period of January to December 2016, the Company estimates that 200 residential surveys will be conducted. Fiscal expenditures for 2016 are projected to be $102,500.

PROGRAM ACTIVITY AND EXPENDITURES:
From January 2015 through June 2015, 194 surveys were performed and actual expenditures were $57,120. We estimate that another 100 surveys will be performed between July 2015 and December 2015. For January 2015 through December 2015 the projected expenses are $132,870.
For January 2015 through December 2015, the goal for the number of program participants is 100.

PROGRAM SUMMARY:
This program provides participating customers with the information needed to determine which energy saving measures are best suited to their individual needs and requirements. We feel confident that by continuing to advertise the benefits of this program through bill inserts, promotional materials, newspaper, cable TV and social media, we will continue to see a high participation level in this program.

PROGRAM TITLE:
Commercial Heating and Cooling Upgrade Program

PROGRAM DESCRIPTION:
This program is directed at reducing the rate of growth in peak demand and energy throughout FPUC's commercial sector by providing rebates to small commercial customers (commercial establishments with a maximum of 5 ton units). The program will do this by increasing the saturation of high-efficiency heat pumps and air conditioners. The program requires that customer install a high-efficiency central air conditioning system or heat pump with a minimum 15 SEER.

PROGRAM PROJECTIONS:
For the twelve-month period of January to December 2016, the Company estimates that 10 Commercial Heating and Cooling allowances will be paid. Fiscal expenditures for 2016 are projected to be $5,300.

PROGRAM ACTIVITY AND EXPENDITURES:
From January 2015 through June 2015, 1 Commercial Heating and Cooling allowance was paid and actual expenditures were $107. We estimate that 1 Commercial Heating and Cooling allowance will be paid between July 2015 and December 2015. For January 2015 through December 2015 the projected expenses are $4,705.
For January 2015 through December 2015, the goal for the number of program participants is 10.

PROGRAM SUMMARY:
This program provides an opportunity for FPUC commercial customers to install a more energy efficient heating and cooling system with the results being a decrease in energy consumption as well as a reduction in weather-sensitive peak demand for FPUC. We feel confident that by continuing to advertise the benefits of this program through our Energy Survey Program, bill inserts, promotional materials and social media platforms, we will see a higher participation level.

PROGRAM TITLE:
Residential Heating and Cooling Efficiency Upgrade Program

PROGRAM DESCRIPTION:
This program is directed at reducing the rate of growth in peak demand and energy throughout FPUC's electricity service territories. The program will do this by increasing the saturation of high-efficiency heat pumps and central air conditioning systems. The program requires that customer install a high-efficiency central air conditioning system or heat pump with a minimum 15 SEER. The Residential Heating & Cooling Efficiency Upgrade Program focuses in two areas. The first is to incent customers operating inefficient heat pumps and air conditioners to replace them with more efficient units. The program also incents customers with resistance heating to install a new heat pump. The second area of focus for the program is to incent customers that are replacing a heat pump or air conditioner that has reached the end of its life with a more efficient heat pump or air conditioner than is required by codes and standards. The incentive to install a more efficient heat pump or air conditioner also applies to heat pumps and air conditioners being installed in new construction.

PROGRAM PROJECTIONS:
For the twelve-month period of January to December 2016, the Company estimates that 150 Residential Heating and Cooling allowances will be paid. Fiscal expenditures for 2016 are projected to be $56,200.

PROGRAM ACTIVITY AND EXPENDITURES:
From January 2015 through June 2015, 148 Residential Heating and Cooling allowances were paid and actual expenditures were $25,156. We estimate that another 100 Residential Heating and Cooling allowances will be paid between July 2015 and December 2015. For January 2015 through December 2015 the projected expenses are $93,656.
For January 2015 through December 2015, the goal for the number of program participants is 100.

PROGRAM SUMMARY:
This program provides an opportunity for FPUC customers' to install a more energy efficient heating and cooling system with the results being a decrease in energy consumption as well as a reduction in weather-sensitive peak demand for FPUC. We feel confident that by continuing to advertise the benefits of this program through, bill inserts, promotional materials and social media, we will continue to see a high participation level.

PROGRAM TITLE:
Commercial Chiller Upgrade Program

PROGRAM DESCRIPTION:
The program is directed at reducing the rate of growth in peak demand and energy throughout FPUC's commercial/industrial sector. To serve this purpose, this program requires that commercial/industrial customers replace existing chillers with a more efficient system. By doing so, they will qualify for an incentive of up to $175 per kW of additional savings above the minimum efficiency levels. The program covers water-cooled centrifugal chillers, water-cooled scroll or screw chillers, and air-cooled electric chillers. Minimum qualifications for efficiency exist for each of the chiller types based on size and are presented in the participation standards section of this program description. Interested customers will send project proposals to FPUC and a representative will schedule an on-site visit for inspection prior to installation. After the project is completed, a FPUC representative will conduct an on-site inspection. By following the guidelines, the customer will qualify for the rebate.

PROGRAM PROJECTIONS:
For the twelve-month period of January to December 2016, the Company estimates that 1 Commercial Chiller Upgrade rebate will be paid. Fiscal expenditures for 2016 are projected to be $4,900.

PROGRAM ACTIVITY AND EXPENDITURES:
From January 2015 through June 2015, no Commercial Chiller Upgrade allowances were paid and actual expenditures were $384. We estimate that 1 Commercial Chiller Upgrade rebate will be paid between July 2015 and December 2015. For January 2015 through December 2015 the projected expenses are $1,982.
For January 2015 through December 2015, the goal for the number of program participants is 1.

PROGRAM SUMMARY:
Interested customers will send project proposals to Florida Public Utilities Company and a representative will schedule an on-site visit for inspection prior to installation. After the project is completed, a Florida Public Utilities Company representative will conduct an on-site inspection. By following the guidelines, the customer will qualify for the rebate.

PROGRAM TITLE:
Conservation Demonstration and Development Program

PROGRAM DESCRIPTION:
The primary purpose of the Conservation Demonstration and Development (CDD) program is to pursue research, development, and demonstration projects that are designed to promote energy efficiency and conservation. This program will supplement and complement the other demand-side management programs offered by Florida Public Utilities Company. The CDD program is meant to be an umbrella program for the identification, development, demonstration, and evaluation of promising new end-use technologies. The CDD program does not focus on any specific end-use technology but, instead, will address a wide variety of energy applications.

PROGRAM PROJECTIONS:
For the twelve-month period of January to December 2016, the Company estimates that they will engage in 2 CDD projects. Fiscal expenditures for 2016 are projected to be $75,000.

PROGRAM ACTIVITY AND EXPENDITURES:
From January 2015 through June 2015 actual expenditures were $13,344. For January 2015 through December 2015 the projected expenses are $50,844.

PROGRAM SUMMARY:
Florida Public Utilities Company will limit the total CDD expenditures to a maximum of $75,000 per year. The Company will also notify the Florida Public Service Commission of any CDD project that exceeds $15,000. Costs for CDD projects that meet the program's criteria for acceptance will be charged to Energy Conservation Cost Recovery account.

PROGRAM TITLE:
Low Income Program

PROGRAM DESCRIPTION:
The Low Income Energy Outreach Program is an educational program designed to enhance the effectiveness of existing weatherization programs for low-income households. FPUC's Low Income Energy Outreach Program partners with Department of Economic Opportunity approved Low Income Weatherization Program operators by offering Residential Energy Surveys scheduled by the Low Income Weatherization Program operators, weatherization contractor training, distributing energy efficiency educational literature to participants, and hosting energy conservation events customized for low income households.

PROGRAM PROJECTIONS:
For the twelve-month period of January to December 2016, fiscal expenditures are projected to be $15,100.

PROGRAM ACTIVITY AND EXPENDITURES:
From January 2015 through June 2015 actual expenditures were $0. For January 2015 through December 2015 the projected expenses are $0.

PROGRAM SUMMARY:
The main purpose of the Low Income Energy Outreach Program is to ensure that low income households are implementing all the necessary energy efficiency measures available. FPUC believes that by working with Weatherization Program operators, it is not only offering a valuable service to its Low Income residents, but that much needed thermal efficiency and weatherization improvements will be made.

PROGRAM TITLE:
Commercial Reflective Roof Program

PROGRAM DESCRIPTION:
The Commercial Reflective Roof Program is a new program that provides rebates to non-residential customers that either convert their existing roof to a cool roof or install a new cool roof on an existing building or a new building. The rebate covers up to 25% of the incremental cost of providing the cool roof compared to a standard roof. Rebates will be $0.075 per sqft for new roofs on new or existing facilities and $0.325 per sqft for roofs converting to a cool roof. Roofing material must be Energy Star certified in all cases. The program will reduce energy and demand required for cooling. Participation rates are measured per 1000 sq. ft. of roof. FPUC will work with roofing contractors to promote the program in a manner similar to the Residential and Commercial Heating & Cooling Upgrade Programs. The roofing contractors will provide copies of their proposal to provide roofing services for FPUC's customers. FPUC will inspect the roof before work begins and after the work is completed. FPUC will make the determination of which level of rebate will apply to the project and that the project qualifies for a rebate by using Energy Star certified materials.

PROGRAM PROJECTIONS:
For the twelve-month period of January to December 2016, the Company estimates that 5 Commercial Reflective Roof allowances will be paid. Fiscal expenditures for 2016 are projected to be $23,700.

PROGRAM ACTIVITY AND EXPENDITURES:
From January 2015 through June 2015 actual expenditures were $0. For January 2015 through December 2015 the projected expenses are $0.

PROGRAM SUMMARY:
The program will start upon approval of FPUC's 2015 DSM Plan and Program Standards. Because time will be required to develop relationships with the roofing contractors to promote the program, no participants in the program are projected in 2015. We feel confident that by advertising the benefits of this program through our Energy Survey Program, bill inserts, promotional materials and social media platforms, we will begin to receive participants in this program.

PROGRAM TITLE:
Commercial Energy Consultation Program

PROGRAM DESCRIPTION:
The Florida Public Utilities Company Commercial Energy Consultation Program is designed to directly communicate the availability of the commercial DSM programs to commercial customers. This program allows for FPUC energy conservation representatives to conduct commercial site visits to educate customers about FPUC's commercial DSM programs, assess the potential for applicable DSM Programs, conduct an electric bill review, offer commercial energy savings suggestions, and inform customer about FPUC's commercial online energy efficiency resources and tools.

PROGRAM PROJECTIONS:
For the twelve-month period of January to December 2016, fiscal expenditures are projected to be $14,700.

PROGRAM ACTIVITY AND EXPENDITURES:
From January 2015 through June 2015 actual expenditures were $0. For January 2015 through December 2015 the projected expenses are $0.

PROGRAM SUMMARY:
In recent research of commercial/industrial customers, consistent response for areas of improvement from this class of customer include individualized attention and service in helping them improve their cost of operation and efficiency. We have built trusting relationships with many of these customers by offering education on new technologies and by offering expertise in energy conservation. This work will continue to benefit FPUC and its rate payers.

INDEX

Schedule No.	Title	Page(s)
CT-1	Adjusted net True-Up, January 2014 Through December 2014	2
CT-2	Analysis of Energy Conservation Program Costs	3
CT-3	Energy Conservation Adjustment	4-11
CT-4	Schedule of Capital Investments, Depreciation and Return	12-14
CT-5	Reconciliation and Explanation of Differences Between Filing and Audit	15
CT-6	Program Descriptions and Progress Reports	16-40

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 150002-EG EXHIBIT: 8
PARTY: GULF POWER COMPANY (GULF) – DIRECT
DESCRIPTION: John N. Floyd JNF-1

Schedule CT-1

Gulf Power Company

ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2014 - December 2014

	$	$
Actual		
1. Principal	(2,640,808)	
2. Interest	(3,317)	
3. Actual Over/(Under) Recovery Ending Balance		(2,644,125)
Estimated/Actual as filed August 27, 2014		
4. Principal	(3,201,541)	
5. Interest	(3,221)	
6. Total Estimated/Actual Over/(Under) Recovery		(3,204,762)
7. Adjusted Net True-up Over/(Under) Recovery (Line 3 - 6)		560,637

Schedule CT-2

Gulf Power Company

ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2014 - December 2014

Analysis of Energy Conservation Program Costs
Actual Compared to Estimated/Actual

	Actual	Est/Actual	Difference
	$	$	$
1. Depreciation, Return & Property Tax	2,067,569.87	2,066,152.71	1,417.16
2. Payroll & Benefits	5,438,352.04	5,455,125.73	(16,773.69)
3. Materials & Supplies	4,823,359.08	5,745,557.00	(922,197.92)
4. Advertising	263,685.80	328,312.40	(64,626.60)
5. Incentives	4,819,636.37	5,492,240.84	(672,604.47)
6. Adjustments	0.00	0.00	0.00
7. Other	0.00	0.00	0.00
8. Subtotal	17,412,603.16	19,087,388.68	(1,674,785.52)
9. Program Revenues	(15.00)	(15.00)	0.00
10. Total Program Costs	17,412,618.16	19,087,403.68	(1,674,785.52)
11. Less: Payroll Adjustment	0.00	0.00	0.00
12. Amounts Inc. in Base Rate	0.00	0.00	0.00
13. Conservation Adjustment Revenues	21,738,171.32	22,852,223.45	(1,114,052.13)
14. Rounding Adjustment	21,738,171.00	22,852,223.00	(1,114,052.00)
15. True-up Before Adjustment Over/(Under) Recovery	4,325,553	3,764,820	560,733
16. Interest Provision	(3,317)	(3,221)	(96)
17. Prior Period True-up	(6,966,361)	(6,966,361)	0
18. Other	0	0	0
19. End of Period True-up	(2,644,125)	(3,204,762)	560,637

Gulf Power Company

ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2014 - December 2014

Conservation Costs By Program
Variance Actual Vs. Estimated/Actual

Program	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Material & Expenses	Other	Advertising	Incentives	Sub-Total	Program Revenues	Total
Residential Conservation Programs:									
1. Residential Energy Audit and Education	0.00	(24,127.83)	(146,296.10)	0.00	(45,390.09)	0.00	(215,814.02)	0.00	(215,814.02)
2. Community Energy Saver	0.00	(219.17)	(218,369.04)	0.00	0.00	0.00	(218,588.21)	0.00	(218,588.21)
3. Landlord-Renter Custom	0.00	(13,205.74)	(290.19)	0.00	0.00	0.00	(13,495.93)	0.00	(13,495.93)
4. HVAC Efficiency	0.00	(1,744.21)	(98,996.60)	0.00	1,975.00	(236,714.00)	(335,479.81)	0.00	(335,479.81)
5. Heat Pump Water Heater	0.00	(17.10)	16,550.78	0.00	0.00	(58,600.00)	(42,066.32)	0.00	(42,066.32)
6. Ceiling Insulation	0.00	16.53	8,004.71	0.00	0.00	(11,551.05)	(3,529.81)	0.00	(3,529.81)
7. High Performance Window	0.00	734.95	10,406.11	0.00	0.00	(38,023.50)	(26,882.44)	0.00	(26,882.44)
8. Reflective Roof	0.00	93.98	6,250.60	0.00	0.00	(57,685.50)	(51,340.92)	0.00	(51,340.92)
9. Variable Speed Pool Pump	0.00	(504.20)	4,360.86	0.00	0.00	(340.00)	3,516.66	0.00	3,516.66
10. Energy Select / Energy Select LITE	1,417.16	16,466.40	(455,170.57)	0.00	(21,211.51)	0.00	(458,498.52)	0.00	(458,498.52)
11. Self-Install Energy Efficiency	0.00	753.64	5,639.90	0.00	0.00	(127,192.87)	(120,799.33)	0.00	(120,799.33)
12. Refrigerator Recycling	0.00	56.22	59,375.64	0.00	0.00	15,876.00	75,307.86	0.00	75,307.86
Commercial / Industrial Conservation Programs:									
13. Commercial / Industrial Energy Audit	0.00	(1,963.50)	(1,799.94)	0.00	0.00	0.00	(3,763.44)	0.00	(3,763.44)
14. HVAC Retrocommissioning	0.00	(569.67)	(7,854.53)	0.00	0.00	(13,760.00)	(22,184.20)	0.00	(22,184.20)
15. Commercial Building Efficiency	0.00	9,181.18	3,660.26	0.00	0.00	(111,195.55)	(98,354.11)	0.00	(98,354.11)
16. HVAC Occupancy Sensor	0.00	61.77	1,102.84	0.00	0.00	(270.00)	894.61	0.00	894.61
17. High Efficiency Motors	0.00	(2,563.04)	(7,918.54)	0.00	0.00	(12,000.00)	(22,481.58)	0.00	(22,481.58)
18. Food Services	0.00	5,815.55	4,916.34	0.00	0.00	(2,500.00)	8,231.89	0.00	8,231.89
19. Commercial / Industrial Custom Incentive	0.00	(1,293.80)	628.29	0.00	0.00	(1,000.00)	(1,665.51)	0.00	(1,665.51)

Gulf Power Company

ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2014 - December 2014

Conservation Costs By Program
Variance Actual Vs. Estimated/Actual

Program	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Material & Expenses	Other	Advertising	Incentives	Sub-Total	Program Revenues	Total
Renewable Energy Plan:									
20. Renewable Energy Plan Common	0.00	(1,194.23)	(729.78)	0.00	0.00	0.00	(1,924.01)	0.00	(1,924.01)
21. Solar for Schools	0.00	0.00	(110,000.00)	0.00	0.00	0.00	(110,000.00)	0.00	(110,000.00)
22. Solar Thermal Water Heating	0.00	0.00	0.00	0.00	0.00	(6,000.00)	(6,000.00)	0.00	(6,000.00)
23. Solar PV	0.00	0.00	0.00	0.00	0.00	(10,000.00)	(10,000.00)	0.00	(10,000.00)
24. Solar Thermal Water Heating for Low-Income	0.00	0.00	0.00	0.00	0.00	(3,648.00)	(3,648.00)	0.00	(3,648.00)
25. Energy Select Electric Vehicle Pilot	0.00	0.00	0.00	0.00	0.00	2,000.00	2,000.00	0.00	2,000.00
26. Conservation Demonstration and Development:	0.00	(2,551.42)	4,331.04	0.00	0.00	0.00	1,779.62	0.00	1,779.62
27. Less Base Rate Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28. Total All Programs	1,417.16	(16,773.69)	(922,197.92)	0.00	(64,626.60)	(672,604.47)	(1,674,785.52)	0.00	(1,674,785.52)

Gulf Power Company

ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2014 - December 2014

Conservation Costs By Program
Actual Expenses

Program	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Material & Expenses	Other	Advertising	Incentives	Sub-Total	Program Revenues	Total
Residential Conservation Programs:									
1. Residential Energy Audit and Education	10,737.63	1,631,453.94	374,905.90	0.00	129,609.91	0.00	2,146,707.38	0.00	2,146,707.38
2. Community Energy Saver	0.00	43,350.71	584,915.96	0.00	0.00	0.00	628,266.67	0.00	628,266.67
3. Landlord-Renter Custom	0.00	115,002.11	13,511.98	0.00	0.00	0.00	128,514.09	0.00	128,514.09
4. HVAC Efficiency	0.00	241,788.26	1,142,649.17	0.00	4,708.40	2,807,346.00	4,196,491.83	0.00	4,196,491.83
5. Heat Pump Water Heater	0.00	149,207.77	35,165.49	0.00	0.00	182,889.35	367,262.61	0.00	367,262.61
6. Ceiling Insulation	0.00	115,648.31	25,128.14	0.00	0.00	66,888.70	207,665.15	0.00	207,665.15
7. High Performance Window	0.00	119,489.63	27,808.86	0.00	0.00	97,001.09	244,299.58	0.00	244,299.58
8. Reflective Roof	0.00	111,453.40	21,233.68	0.00	0.00	31,967.00	164,654.08	0.00	164,654.08
9. Variable Speed Pool Pump	0.00	132,731.23	23,070.87	0.00	0.00	28,312.19	184,114.29	0.00	184,114.29
10. Energy Select / Energy Select LITE	2,056,832.24	1,204,192.98	2,210,717.43	0.00	128,788.49	0.00	5,600,531.14	(15.00)	5,600,546.14
11. Self-Install Energy Efficiency	0.00	37,351.06	35,015.64	0.00	0.00	79,581.80	151,948.50	0.00	151,948.50
12. Refrigerator Recycling	0.00	50,363.17	132,706.63	0.00	0.00	32,900.00	215,969.80	0.00	215,969.80
Commercial / Industrial Conservation Programs:									
13. Commercial / Industrial Energy Audit	0.00	628,763.69	71,306.52	0.00	0.00	0.00	700,070.21	0.00	700,070.21
14. HVAC Retrocommissioning	0.00	28,456.10	9,965.55	0.00	0.00	8,795.00	47,216.65	0.00	47,216.65
15. Commercial Building Efficiency	0.00	459,291.75	70,857.26	0.00	579.00	869,579.96	1,400,307.97	0.00	1,400,307.97
16. HVAC Occupancy Sensor	0.00	28,266.24	3,649.39	0.00	0.00	7,730.00	39,645.63	0.00	39,645.63
17. High Efficiency Motors	0.00	38,818.42	1,582.46	0.00	0.00	9,433.64	49,834.52	0.00	49,834.52
18. Food Services	0.00	63,699.06	8,384.35	0.00	0.00	2,359.64	74,443.05	0.00	74,443.05
19. Commercial / Industrial Custom Incentive	0.00	66,554.30	6,743.90	0.00	0.00	0.00	73,298.20	0.00	73,298.20

Gulf Power Company

ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2014 - December 2014

Conservation Costs By Program
Actual Expenses

Program	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Material & Expenses	Other	Advertising	Incentives	Sub-Total	Program Revenues	Total
Renewable Energy Plan:									
20. Renewable Energy Plan Common	0.00	131,751.33	8,156.87	0.00	0.00	0.00	139,908.20	0.00	139,908.20
21. Solar for Schools	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22. Solar Thermal Water Heating	0.00	0.00	0.00	0.00	0.00	29,000.00	29,000.00	0.00	29,000.00
23. Solar PV	0.00	0.00	0.00	0.00	0.00	490,000.00	490,000.00	0.00	490,000.00
24. Solar Thermal Water Heating for Low-Income	0.00	0.00	0.00	0.00	0.00	71,352.00	71,352.00	0.00	71,352.00
25. Energy Select Electric Vehicle Pilot	0.00	0.00	0.00	0.00	0.00	4,500.00	4,500.00	0.00	4,500.00
26. **Conservation Demonstration and Development:**									
a. UWF Best House	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. Azalea Trace Heat Pump Water Heater	0.00	28,366.29	3,601.56	0.00	0.00	0.00	31,967.85	0.00	31,967.85
c. 10th Ave Hair Salon Heat Pump Water Htr	0.00	12,352.29	12,281.47	0.00	0.00	0.00	24,633.76	0.00	24,633.76
d. Total	0.00	40,718.58	15,883.03	0.00	0.00	0.00	56,601.61	0.00	56,601.61
27. Total All Programs	2,067,569.87	5,438,352.04	4,823,359.08	0.00	263,685.80	4,819,636.37	17,412,603.16	(15.00)	17,412,618.16

Gulf Power Company

ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2014 - December 2014

Conservation Costs By Program
Summary of Actual Expenses By Program By Month

Program	January	February	March	April	May	June	July	August	September	October	November	December	Total
Residential Conservation Programs:													
1. Residential Energy Audit and Education	147,306.69	220,256.84	196,970.64	147,625.03	137,586.27	142,317.77	240,567.46	108,619.30	190,098.94	253,604.89	168,920.57	182,095.35	2,135,969.75
Amortization & Return on Investment	922.30	917.36	912.43	907.49	902.54	897.60	891.94	887.03	882.10	877.19	872.28	867.37	10,737.63
Total	148,228.99	221,174.20	197,883.07	148,532.52	138,488.81	143,215.37	241,459.40	109,506.33	190,981.04	254,482.08	169,792.85	182,962.72	2,146,707.38
2. Community Energy Saver	4,207.80	45,509.09	44,877.95	61,688.93	49,099.46	48,349.67	59,491.18	53,787.66	61,103.70	139,435.80	(3,079.52)	63,794.95	628,266.67
3. Landlord-Renter Custom	11,091.30	12,237.74	10,494.49	11,812.34	12,174.58	12,217.66	12,810.91	10,698.17	7,542.82	10,110.54	8,185.16	9,138.38	128,514.09
4. HVAC Efficiency	74,179.62	204,325.44	222,750.07	247,818.43	292,361.93	312,845.08	288,596.07	508,444.72	590,880.61	569,641.53	195,344.56	689,303.77	4,196,491.83
5. Heat Pump Water Heater	79,979.40	23,014.54	48,443.70	25,709.10	25,073.66	25,849.73	17,525.80	26,393.30	18,730.19	25,205.48	20,246.58	31,091.13	367,262.61
6. Ceiling Insulation	16,586.00	10,569.43	17,405.52	18,497.38	16,066.42	20,082.80	17,192.41	18,295.08	17,194.31	16,306.06	16,115.29	23,354.45	207,665.15
7. High Performance Window	24,915.84	25,446.79	23,099.24	15,420.81	30,698.49	17,420.36	14,784.49	16,248.82	15,349.07	17,133.69	19,643.04	24,138.94	244,299.58
8. Reflective Roof	17,611.31	9,194.79	12,105.93	11,117.79	11,519.92	10,947.12	10,855.14	16,772.08	15,374.55	17,402.13	13,040.56	18,712.76	164,654.08
9. Variable Speed Pool Pump	14,799.17	10,968.02	13,743.34	15,164.05	16,811.19	16,897.00	16,163.86	17,199.06	16,089.90	15,367.91	13,957.63	16,953.16	184,114.29
10. Energy Select / Energy Select LITE	246,209.11	254,657.80	309,235.59	307,483.70	291,276.90	288,855.07	289,848.33	172,810.45	413,897.22	297,135.87	279,501.17	392,787.69	3,543,698.90
Amortization & Return on Investment	166,480.11	167,684.28	168,153.19	168,623.57	168,862.07	169,226.46	170,015.75	172,610.24	174,773.40	175,938.44	176,848.96	177,615.77	2,056,832.24
Total	412,689.22	422,342.08	477,388.78	476,107.27	460,138.97	458,081.53	459,864.08	345,420.69	588,670.62	473,074.31	456,350.13	570,403.46	5,600,531.14
11. Self-Install Energy Efficiency	5,672.17	3,743.77	9,106.14	3,863.81	11,240.37	4,122.67	15,925.90	(17.06)	20,744.68	33,057.56	16,770.68	27,717.81	151,948.50
12. Refrigerator Recycling	12,421.70	10,294.91	4,641.76	13,299.35	23,595.32	30,842.53	939.20	58,172.65	39,653.99	12,384.44	4,563.73	5,160.22	215,969.80
Commercial / Industrial Conservation Programs:													
13. Commercial / Industrial Energy Audit	55,792.17	51,100.12	69,695.52	56,908.41	60,710.19	60,603.37	55,759.87	53,183.61	64,887.23	62,274.72	50,061.90	59,093.10	700,070.21
14. HVAC Retrocommissioning	92,945.44	(86,052.15)	3,481.36	6,749.33	5,610.63	2,603.54	2,127.70	2,441.95	3,421.75	4,319.32	455,760.98	(446,193.20)	47,216.65
15. Commercial Building Efficiency	425,206.84	92,263.90	132,140.63	270,884.78	52,880.67	42,623.09	53,054.89	52,885.36	53,101.09	48,808.55	73,577.37	102,880.80	1,400,307.97
16. HVAC Occupancy Sensor	10,452.13	2,976.17	3,232.68	2,018.07	2,425.58	2,503.83	2,059.56	2,453.06	2,564.76	3,142.20	2,797.72	3,019.87	39,645.63
17. High Efficiency Motors	3,958.31	8,213.59	4,440.65	4,141.51	3,775.88	3,616.77	3,255.91	3,304.55	2,927.53	3,976.77	3,394.49	4,828.56	49,834.52
18. Food Services	6,131.30	5,264.61	6,978.05	4,286.34	5,961.76	4,515.97	4,310.13	5,383.87	7,528.41	8,897.24	7,850.45	7,334.92	74,443.05
19. Commercial / Industrial Custom Incentive	5,979.41	5,344.45	6,386.35	6,590.76	6,433.50	6,019.90	6,391.34	6,568.62	5,651.88	6,158.85	5,432.48	6,340.66	73,298.20

Gulf Power Company
ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2014 - December 2014

Conservation Costs By Program
Summary of Actual Expenses By Program By Month

Program	January	February	March	April	May	June	July	August	September	October	November	December	Total
Renewable Energy Plan:													
20. Renewable Energy Plan Common	18,767.05	13,473.28	15,138.47	14,723.94	21,171.06	(12,473.31)	11,934.72	11,328.85	11,553.16	12,321.68	10,182.00	11,787.30	139,908.20
21. Solar for Schools	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22. Solar Thermal Water Heating	1,000.00	2,000.00	2,000.00	3,000.00	2,000.00	1,000.00	2,000.00	3,000.00	1,000.00	1,000.00	2,000.00	9,000.00	29,000.00
23. Solar PV	190,000.00	130,000.00	114,000.00	6,000.00	20,000.00	30,000.00	0.00	0.00	0.00	0.00	0.00	0.00	490,000.00
24. Solar Thermal Water Heating for Low-Income	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71,352.00	0.00	0.00	71,352.00
25. Energy Select Electric Vehicle Pilot	0.00	2,000.00	500.00	0.00	0.00	0.00	0.00	1,000.00	1,000.00	0.00	0.00	0.00	4,500.00
26. Conservation Demonstration and Development:													
a. UWF Best House	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. Azalea Trace Heat Pump Water Heater	3,908.09	3,874.03	4,266.38	4,438.49	3,930.95	4,135.32	3,634.73	3,474.44	82.69	119.17	103.56	0.00	31,967.85
c. 10th Ave Hair Salon Heat Pump Water Htr	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,598.78	5,547.62	5,134.62	7,352.74	24,633.76
d. Total	3,908.09	3,874.03	4,266.38	4,438.49	3,930.95	4,135.32	3,634.73	3,474.44	6,681.47	5,666.79	5,238.18	7,352.74	56,601.61
27. Total All Programs	1,636,523.26	1,229,278.80	1,444,200.08	1,428,773.41	1,272,169.34	1,246,020.00	1,300,137.29	1,325,945.81	1,742,632.76	1,811,519.65	1,547,226.26	1,428,176.50	17,412,603.16

Gulf Power Company
ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2014 - December 2014

Conservation Costs By Program
Calculation of Over/Under Recovery

Conservation Revenues	January	February	March	April	May	June	July	August	September	October	November	December	Total
1. EnergySelect RSVP Fees	(10.00)	(5.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(15.00)
2. Over/(Under) Recovery	2,041,642.41	1,479,947.38	1,432,667.34	1,445,842.30	1,805,833.76	2,142,850.99	2,312,675.16	2,379,609.89	1,968,613.02	1,658,968.41	1,512,706.84	1,556,813.82	21,738,171.32
3. Total Revenues	2,041,632.41	1,479,942.38	1,432,667.34	1,445,842.30	1,805,833.76	2,142,850.99	2,312,675.16	2,379,609.89	1,968,613.02	1,658,968.41	1,512,706.84	1,556,813.82	21,738,156.32
4. Adjustment not Applicable to Period - Prior True Up	(448,941.00)	(448,941.00)	(448,941.00)	(448,941.00)	(448,941.00)	(448,941.00)	(448,941.00)	(448,941.00)	(448,941.00)	(448,941.00)	(448,941.00)	(448,937.00)	(5,387,288.00)
5. Conservation Revenues Applicable to Period	1,592,691.41	1,031,001.38	983,726.34	996,901.30	1,356,892.76	1,693,909.99	1,863,734.16	1,930,668.89	1,519,672.02	1,210,027.41	1,063,765.84	1,107,876.82	16,350,868.32
6. Conservation Expenses (CT-3, Page 3, Line 27)	1,636,523.26	1,229,278.80	1,444,200.08	1,428,773.41	1,272,169.34	1,246,020.00	1,300,137.29	1,325,945.81	1,742,632.76	1,811,519.65	1,547,226.26	1,428,176.50	17,412,603.16
7. True Up this Period (Line 5 - 6)	(43,831.85)	(198,277.42)	(460,473.74)	(431,872.11)	84,723.42	447,889.99	563,596.87	604,723.08	(222,960.74)	(601,492.24)	(483,460.42)	(320,299.68)	(1,061,734.84)
8. Interest Provision this Period (CT-3, Page 5, Line 11)	(422.74)	(375.45)	(368.50)	(394.67)	(377.49)	(288.43)	(218.53)	(194.70)	(157.38)	(144.16)	(172.20)	(203.12)	(3,317.37)
9. True Up & Interest Provision Beginning of Month	(6,966,360.52)	(6,561,674.11)	(6,311,385.98)	(6,323,287.22)	(6,306,613.00)	(5,773,326.07)	(4,876,783.51)	(3,864,464.17)	(2,810,994.79)	(2,585,171.91)	(2,737,867.31)	(2,772,558.93)	(6,966,360.52)
10. Prior True Up Collected or Refunded	448,941.00	448,941.00	448,941.00	448,941.00	448,941.00	448,941.00	448,941.00	448,941.00	448,941.00	448,941.00	448,941.00	448,937.00	5,387,288.00
11. End of Period- Net True Up	(6,561,674.11)	(6,311,385.98)	(6,323,287.22)	(6,306,613.00)	(5,773,326.07)	(4,876,783.51)	(3,864,464.17)	(2,810,994.79)	(2,585,171.91)	(2,737,867.31)	(2,772,558.93)	(2,644,124.73)	(2,644,124.73)

Gulf Power Company
ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2014 - December 2014

Computation of Interest Expense
Energy Conservation Adjustment

Interest Provision	January	February	March	April	May	June	July	August	September	October	November	December	Total
1. Beginning True up Amount	(6,966,360.52)	(6,561,674.11)	(6,311,385.98)	(6,323,287.22)	(6,306,613.00)	(5,773,326.07)	(4,876,783.51)	(3,864,464.17)	(2,810,994.79)	(2,585,171.91)	(2,737,867.31)	(2,772,558.93)	
2. Ending True up before Interest	(6,561,251.37)	(6,311,010.53)	(6,322,918.72)	(6,306,218.33)	(5,772,948.58)	(4,876,495.08)	(3,864,245.64)	(2,810,800.09)	(2,585,014.53)	(2,737,723.15)	(2,772,386.73)	(2,643,921.61)	
3. Total beginning & ending	(13,527,611.89)	(12,872,684.64)	(12,634,304.70)	(12,629,505.55)	(12,079,561.58)	(10,649,821.15)	(8,741,029.15)	(6,675,264.26)	(5,396,009.32)	(5,322,895.06)	(5,510,254.04)	(5,416,480.54)	
4. Average True up Amount	(6,763,805.95)	(6,436,342.32)	(6,317,152.35)	(6,314,752.78)	(6,039,780.79)	(5,324,910.58)	(4,370,514.58)	(3,337,632.13)	(2,698,004.66)	(2,661,447.53)	(2,755,127.02)	(2,708,240.27)	
5. Interest Rate First Day Reporting Business Month	0.0800	0.0700	0.0700	0.0700	0.0800	0.0700	0.0600	0.0600	0.0800	0.0600	0.0700	0.0800	
6. Interest Rate First Day Subsequent Business Month	0.0700	0.0700	0.0700	0.0800	0.0700	0.0600	0.0600	0.0800	0.0600	0.0700	0.0800	0.1000	
7. Total of Lines 5 and 6	0.1500	0.1400	0.1400	0.1500	0.1500	0.1300	0.1200	0.1400	0.1400	0.1300	0.1500	0.1800	
8. Average Interest rate (50% of Line 7)	0.0750	0.0700	0.0700	0.0750	0.0750	0.0650	0.0600	0.0700	0.0700	0.0650	0.0750	0.0900	
9. Monthly Average Interest Rate Line 8 \ 12	0.000063	0.000058	0.000058	0.000063	0.000063	0.000054	0.000050	0.000058	0.000058	0.000054	0.000063	0.000075	
10. Interest Adjustment													
11. Interest Provision (Line 4 X 9)	(422.74)	(375.45)	(368.50)	(394.67)	(377.49)	(288.43)	(218.53)	(194.70)	(157.38)	(144.16)	(172.20)	(203.12)	(3,317.37)

Gulf Power Company
ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2014 - December 2014

Schedule of Capital Investment, Depreciation and Return
Energy Select

Line No.	Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1	Investments Added to Plant In Service (Net of Retirements)		207,067.97	50,027.74	55,851.41	41,979.82	(20,887.00)	112,700.41	100,013.06	(40,824.47)	194,574.80	143,346.46	148,291.71	10,885.48	
2	Depreciable Base (Cumulative Plant Additions PM Ln 2 + CM Ln 1)	11,230,325.14	11,437,393.11	11,487,420.85	11,543,272.26	11,585,252.08	11,564,365.08	11,677,065.49	11,777,078.55	11,736,254.08	11,930,828.88	12,074,175.34	12,222,467.05	12,233,352.53	
3	Depreciation Expense (Note A)		25,629.75	26,306.00	26,421.07	26,549.53	26,646.08	26,598.04	26,857.25	27,087.28	26,993.38	27,440.91	27,770.60	28,111.67	322,611.56
4	Salvage, Cost of Removal and Retirement		1,294.83	(191,945.98)	(126,127.96)	(127,198.10)	(142,856.56)	(145,416.22)	(111,372.71)	(144,044.63)	(136,772.88)	(88,163.01)	(108,340.92)	(90,512.06)	
5	Less: Accum. Depr, COR and Sal. (PM Ln 5 + CM Ln 3 + 4)	(5,913,787.43)	(5,886,662.85)	(6,052,302.83)	(6,152,009.72)	(6,252,658.29)	(6,368,868.77)	(6,487,686.95)	(6,572,202.41)	(6,689,159.76)	(6,798,939.26)	(6,859,661.36)	(6,940,231.68)	(7,002,632.07)	
6	Net Plant In Service (CM Ln 2 - CM Ln 5)	17,144,112.57	17,324,055.96	17,539,723.68	17,695,281.98	17,837,910.37	17,933,233.85	18,164,752.44	18,349,280.96	18,425,413.84	18,729,768.14	18,933,836.70	19,162,698.73	19,235,984.60	
7	Net Additions/Reductions to CWIP	0.00	59,717.82	(59,717.82)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75,000.00	
8	CWIP Balance (PM Ln 8 + CM Ln 7)	0.00	59,717.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75,000.00	
9	Inventory	1,594,943.54	1,504,867.31	1,407,993.53	1,294,791.25	1,207,819.38	1,097,530.99	999,201.46	1,026,772.13	1,419,742.67	1,296,548.09	1,118,035.90	1,030,955.64	863,556.06	
10	Net Investment (CM Ln 6 + CM Ln 8 + CM Ln 9)	18,739,056.11	18,888,641.09	18,947,717.21	18,990,073.23	19,045,729.75	19,030,764.84	19,163,953.90	19,376,053.09	19,845,156.51	20,026,316.23	20,051,872.60	20,193,654.37	20,174,540.66	
11	Average Net Investment (PM Ln 10 + CM Ln 10)/2		18,813,848.60	18,918,179.15	18,968,895.22	19,017,901.49	19,038,247.30	19,097,359.37	19,270,003.50	19,610,604.80	19,935,736.37	20,039,094.42	20,122,763.49	20,184,097.52	
12	Rate of Return / 12 (Note B)		0.006977	0.006977	0.006977	0.006977	0.006977	0.006977	0.006942	0.006942	0.006942	0.006942	0.006942	0.006942	
13	Return Requirement on Average Net Investment (CM Ln 11 * CM Ln 12)		131,264.22	131,992.14	132,345.98	132,687.90	132,829.85	133,242.28	133,772.36	136,136.82	138,393.88	139,111.39	139,692.22	140,118.00	1,621,587.04
14	Property Tax		9,386.14	9,386.14	9,386.14	9,386.14	9,386.14	9,386.14	9,386.14	9,386.14	9,386.14	9,386.14	9,386.14	9,386.10	112,633.64
15	Total Depreciation, Prop Taxes & Return (CM Ln 3 + CM Ln 13 + CM Ln 14)		166,480.11	167,684.28	168,153.19	168,623.57	168,862.07	169,226.46	170,015.75	172,610.24	174,773.40	175,938.44	176,848.96	177,615.77	2,056,832.24

Notes:
A) Energy *Select* Property Additions Depreciated at 2.8% per year
B) Revenue Requirement Return (Includes Income Taxes) Is: Jan - Jun 8.3728%; Jul - Dec 8.3302%.

Gulf Power Company
ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2014 - December 2014

Schedule of Capital Investment, Depreciation and Return
Residential Energy Survey Displays

Line No.	Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1	Investments Added to Plant In Service (Net of Retirements)														
2	Depreciable Base (Cumulative Plant Additions PM Ln 2 + CM Ln 1)	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	
3	Depreciation Expense (Note A)		164.46	164.46	164.46	164.46	164.46	164.46	164.46	164.46	164.46	164.46	164.46	164.46	1,973.52
4	Retirements		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	Salvage		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	Less: Accum. Depr, COR and Sal. (PM Ln 6 + CM Ln 3 + 4 + 5)	7,894.08	8,058.54	8,223.00	8,387.46	8,551.92	8,716.38	8,880.84	9,045.30	9,209.76	9,374.22	9,538.68	9,703.14	9,867.60	
7	Net Plant In Service (CM Ln 2 - CM Ln 6)	5,920.29	5,755.83	5,591.37	5,426.91	5,262.45	5,097.99	4,933.53	4,769.07	4,604.61	4,440.15	4,275.69	4,111.23	3,946.77	
8	Net Additions/Reductions to CWIP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	CWIP Balance (PM Ln 9 + CM Ln 8)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	Inventory														
11	Net Investment (CM Ln 7 + CM Ln 9 + CM Ln 10)	5,920.29	5,755.83	5,591.37	5,426.91	5,262.45	5,097.99	4,933.53	4,769.07	4,604.61	4,440.15	4,275.69	4,111.23	3,946.77	
12	Average Net Investment (PM Ln 11 + CM Ln 11)/2		5,838.06	5,673.60	5,509.14	5,344.68	5,180.22	5,015.76	4,851.30	4,686.84	4,522.38	4,357.92	4,193.46	4,029.00	
13	Rate of Return / 12 (Note B)		0.006977	0.006977	0.006977	0.006977	0.006977	0.006977	0.006942	0.006942	0.006942	0.006942	0.006942	0.006942	
14	Return Requirement on Average Net Investment (CM Ln 12 * CM Ln 13)		40.73	39.58	38.44	37.29	36.14	34.99	33.68	32.54	31.39	30.25	29.11	27.97	412.11
15	Property Tax		9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.09	108.75
16	Total Depreciation, Prop Taxes & Return (CM Ln 3 + CM Ln 14 + CM Ln 15)		214.25	213.10	211.96	210.81	209.66	208.51	207.20	206.06	204.91	203.77	202.63	201.52	2,494.38

Notes:
(A) Displays are Seven year Property 1.1905% per month.
(B) Revenue Requirement Return (includes Income Taxes) is: Jan - Jun 8.3728%; Jul - Dec 8.3302%.

Gulf Power Company
ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2014 - December 2014

Schedule of Capital Investment, Depreciation and Return
Thermal Imaging Tools

Line No.	Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1	Investments Added to Plant In Service (Net of Retirements)														
2	Depreciable Base (Cumulative Plant Additions PM Ln 2 + CM Ln 1	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	
3	Depreciation Expense (Note A)		543.49	543.49	543.49	543.49	543.49	543.49	543.49	543.49	543.49	543.49	543.49	543.49	6,521.88
4	Retirements		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	Salvage		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	Less: Accum. Depr, COR and Sal. (PM Ln 6 + CM Ln 3 + 4 + 5)	26,087.28	26,630.77	27,174.26	27,717.75	28,261.24	28,804.73	29,348.22	29,891.71	30,435.20	30,978.69	31,522.18	32,065.67	32,609.16	
7	Net Plant In Service (CM Ln 2 - CM Ln 6)	19,565.42	19,021.93	18,478.44	17,934.95	17,391.46	16,847.97	16,304.48	15,760.99	15,217.50	14,674.01	14,130.52	13,587.03	13,043.54	
8	Net Additions/Reductions to CWIP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	CWIP Balance (PM Ln 9 + CM Ln 8)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	Inventory														
11	Net Investment (CM Ln 7 + CM Ln 9 + CM Ln 10)	19,565.42	19,021.93	18,478.44	17,934.95	17,391.46	16,847.97	16,304.48	15,760.99	15,217.50	14,674.01	14,130.52	13,587.03	13,043.54	
12	Average Net Investment (PM Ln 11 + CM Ln 11)/2		19,293.68	18,750.19	18,206.70	17,663.21	17,119.72	16,576.23	16,032.74	15,489.25	14,945.76	14,402.27	13,858.78	13,315.29	
13	Rate of Return / 12 (Note B)		0.006977	0.006977	0.006977	0.006977	0.006977	0.006977	0.006942	0.006942	0.006942	0.006942	0.006942	0.006942	
14	Return Requirement on Average Net Investment (CM Ln 12 * CM Ln 13)		134.61	130.82	127.03	123.24	119.44	115.65	111.30	107.53	103.75	99.98	96.21	92.43	1,361.99
15	Property Tax		29.95	29.95	29.95	29.95	29.95	29.95	29.95	29.95	29.95	29.95	29.95	29.93	359.38
16	Total Depreciation, Prop Taxes & Return (CM Ln 3 + CM Ln 14 + CM Ln 15)		708.05	704.26	700.47	696.68	692.88	689.09	684.74	680.97	677.19	673.42	669.65	665.85	8,243.25

Notes:
(A) Thermal Imaging Tools are Seven year Property 1.1905% per month.
(B) Revenue Requirement Return (Includes Income Taxes) is: Jan - Jun 8.3728%; Jul - Dec 8.3302%.

CT-5

GULF POWER COMPANY

Reconciliation and Explanation of
Differences Between Filing and FPSC Audit
Report for Months, January, 2013 through December, 2013

(If no differences exist, please state.)

NO DIFFERENCES

Program Description and Progress

Program Title: Residential Energy Audit and Education

Program Description: This program is the primary educational program to help customers improve the energy efficiency of their new or existing home through energy conservation advice and information that encourages the implementation of efficiency measures and behaviors resulting in energy and utility bill savings. The program includes energy audits, Home Energy Reporting and energy education.

Program Accomplishments: During 2014, Gulf performed 7,927 energy audits. This included 3,258 online audits, 2,468 in home audits and 2,201 pre-construction audits. Additionally, 39,171 of Gulf's customers were enrolled in the Home Energy Reporting program as projected.

Gulf provided professional development in energy-related science and math for 31 elementary school teachers who reach an estimated 775 students daily. Each of these teachers received energy efficiency and renewable energy lesson plans and materials for hands-on classroom activities.

Gulf assisted two schools in developing student energy teams who learned to measure, monitor and reduce energy use in their schools.

Gulf continued to provide classroom energy-related activities and presentations throughout its service area, primarily at the elementary school level, reaching approximately 600 students. Gulf also partnered with two elementary schools to increase science and technology knowledge for teachers and students. These partnerships were customized to provide mentors, as well as hands-on energy-related science labs and presentations.

Gulf also provided onsite and material support for two hands-on interactive science museums in Northwest Florida which both average 100 attendees daily for six months each year. Gulf supplied instructor and materials for a one-week summer energy camp targeting fifth through eighth graders.

Program Fiscal Expenditures: For 2014, Gulf projected $2,362,521 of expenses compared to actual expenses of $2,146,707 resulting in a variance of $215,814 or 9.1% under the projection.

Program Progress Summary: Since the approval of this program, Gulf Power Company has performed 215,357 residential energy surveys and 39,171 customers have participated in the Home Energy Reporting program.

Program Description and Progress

Program Title: Community Energy Saver Program

Program Description: This program assists low-income families in managing their energy costs. Through this program, qualifying customers not only receive the direct installation of conservation measures at no cost to them; the program also educates families on energy conservation techniques and behavioral changes to help control their energy use and reduce their utility operating costs.

Program Accomplishments: During 2014, 2,326 of Gulf's customers received the measures included in this program compared to a projection of 2,500 participants, a difference of 174 under the projection.

Program Fiscal Expenditures: For 2014, Gulf projected expenses for this program of $846,855 compared to actual expenses of $628,267 resulting in a variance of $218,588 or 25.8% under the projection.

Program Progress Summary: A total of 9,754 customers have received the efficiency measures included in the Community Energy Saver program since the program's launch in 2011.

Program Description and Progress

Program Title: Landlord/Renter Custom Incentive Program

Program Description: This program is designed to increase energy efficiency in the residential rental property sector. This program promotes the installation of various energy efficiency measures available through other programs such as HVAC, insulation, windows, water heating, lighting and appliances. It potentially includes additional incentives as appropriate to overcome the split-incentive barrier which exists in a landlord/renter situation. Finally, this program promotes the installation of measures included in the Community Energy Saver Program by the landlord of multi-family properties.

Program Accomplishments: During 2014, no participants were enrolled in this program and none were projected. While there are no participants in this program, Gulf continues to work with customers in the rental property sector. To date, enrollments involving rental properties have occurred in other programs (i.e., HVAC, insulation, etc.) offered by the Company.

Program Fiscal Expenditures: During 2014, $142,010 in expenses were projected, compared to actual expenses of $128,514 resulting in a variance of $13,496 or 9.5% under the projection.

Program Progress Summary: Since its launch in 2011, one customer has participated in the Landlord/Renter Custom Incentive program.

Program Description and Progress

Program Title: HVAC Efficiency Improvement Program

Program Description: This program is designed to increase energy efficiency and improve HVAC cooling system performance for new and existing homes. These efficiencies are realized through:

- HVAC maintenance
- HVAC early retirement (for inefficient systems)
- HVAC upgrades
- Duct repair
- Retrofit of an electronically commutated motor fan on existing HVAC systems

Program Accomplishments: During 2014, compared to the projection for 2014, the following participation was achieved:

Measure	2014 Year End Projection	2014 Actual Participation	Variance
HVAC maintenance	6,524	5,134	(1,390)
HVAC early retirement Tier One	1,008	1,015	7
HVAC early retirement Tier Two	802	739	(63)
HVAC early retirement Tier Three	40	45	5
HVAC upgrades Tier One	299	261	(38)
HVAC upgrades Tier Two	249	225	(24)
HVAC upgrades Tier Three	84	100	16
Duct repair	3,085	2,647	(438)
ECM Fan	0	0	0

Program Fiscal Expenditures: – For 2014, Gulf projected $4,531,972 in expenses compared to actual expenses of $4,196,492 resulting in a variance of $335,480 or 7.4% under the projection.

Program Progress Summary: Since its launch in 2013, the following participation has been achieved:

- HVAC maintenance - 26,060
- HVAC early retirement - Tier One – 3,245
- HVAC early retirement - Tier Two – 2,185
- HVAC early retirement - Tier Three - 127
- HVAC upgrades - Tier One - 809
- HVAC upgrades - Tier Two - 539
- HVAC upgrades - Tier Three - 318
- Duct repair - 16,158
- ECM Fan - 6

Program Description and Progress

Program Title: Heat Pump Water Heater Program

Program Description: This program provides incentives directly to the customer for the installation of high-efficiency Heat Pump Water Heating equipment for domestic hot water production.

Program Accomplishments: During 2014, 471 customers participated in this program compared to a projection of 643 for a variance of 172 fewer participants than projected.

Program Fiscal Expenditures: For the 2014 reporting period, $409,329 in expenses were projected, compared to actual expenses of $367,263 resulting in a variance of $42,066, or 10.3% under the projection.

Program Progress Summary: Since its launch in 2011, 3,654 customers have participated in this program.

Program Description and Progress

Program Title: Ceiling Insulation Program

Program Description: This program provides incentives to encourage customers to install high efficiency insulation or increase insulation in existing residential single-family and multi-family homes. The objective of this program is to reduce heat loss and heat gain from both conductive and convective means by increased insulation.

Program Accomplishments: During 2014, 271 customers participated in this program. The projection for 2014 was 226 participants resulting in a variance of 45 more participants than projected.

Program Fiscal Expenditures: For 2014, Gulf projected $211,195 in expenses compared to actual expenses of $207,665 resulting in a variance of $3,530, or 1.7% under the projection.

Program Progress Summary: Since its launch in 2011, 1,954 customers have participated in this program.

Program Description and Progress

Program Title: High Performance Window Program

Program Description: This program provides incentives to install high-efficiency windows or window film in existing or new residential applications. The objective of the program is to reduce solar heat gain into a home which, in turn, leads to reduced HVAC loads and operating costs.

Program Accomplishments: During 2014, 626 customers installed high-efficiency windows and 56 customers installed window film as part of this program. Projections for 2014 were 750 and 200 participants respectively resulting in 124 fewer window participants and 144 fewer window film participants than projected.

Program Fiscal Expenditures: For 2014, Gulf projected $271,182 in expenses compared to actual expenses of $244,300 resulting in a variance of $26,882, or 9.9% under the projection.

Program Progress Summary: Since its launch in 2011, 3,132 customers have installed high-efficiency windows and 458 customers have installed window film as part of this program.

Program Description and Progress

Program Title: Reflective Roof Program

Program Description: This program provides incentives to install ENERGY STAR qualified cool/reflective roofing products when constructing a new home or replacing the roof on an existing residence. The objective of this program is to significantly decrease the amount of heat that is transferred through roof assemblies and into vented attic spaces which, in turn, decreases the transfer of heat into the home's conditioned living area.

Program Accomplishments: During 2014, 97 customers participated in this program compared to a 2014 projection of 281 or 184 participants under the projection.

Program Fiscal Expenditures: For 2014, $215,995 in expenses was projected compared to $164,654 in actual expenses resulting in a variance of $51,341, or 23.8% under the projection.

Program Progress Summary: Since its launch in 2011, 873 customers have participated in this program.

Program Description and Progress

Program Title: Variable Speed/Flow Pool Pump Program

Program Description: This program provides an incentive to encourage the installation of high-efficiency variable speed or variable flow pool pumping and control equipment in both new and existing residential applications. The objective of this program is to reduce the energy, demand, and cost associated with swimming pool operation.

Program Accomplishments: During 2014, 287 customers installed a variable speed pool pump compared to a 2014 projection of 218 or 69 over the projection.

Program Fiscal Expenditures: The 2014 projection for this program was $180,597 compared to actual expenses of $184,114 resulting in a variance of $3,517, or 1.9% over the projection.

Program Progress Summary: Since its launch in 2011, 6,139 customers have participated in this program.

Program Description and Progress

Program Title: Energy *Select* / Energy *Select* Lite

Program Description: The Energy *Select* / Energy *Select* Lite program is designed to provide customers with a means of controlling their energy purchases by conveniently programming their heating and cooling systems and major appliances, such as electric water heaters and pool pumps, to automatically respond to prices that vary during the day and by season in relation to the Company's cost of producing or purchasing energy. The Energy *Select* Lite subset of the program was originally intended to provide a separate means to expand price responsive load management program participation to include residential customers who did not meet certain participation standards for Energy *Select*. The Energy *Select* Lite program utilizes broadband technology and does not require land-line telephone service, whereas the Energy *Select* program historically has required land-line telephone service. Due to the addition of load control relays to the broadband-enabled thermostat, there is no longer a difference between Energy *Select* and Energy *Select* Lite with regard to functionality and the equipment used for new installations. For purposes of the cost recovery process, the two programs are now being treated as a single program.

Program Accomplishments: During 2014, Energy *Select* / Energy Select Lite programs experienced a net addition of 1,754 participants compared to a projection of 1,600, or 154 over the projection.

Program Fiscal Expenditures: During 2014, there were projected expenses of $6,059,045 compared with actual expenses of $5,600,546. This results in a deviation of $458,499, or 7.6% under the projection.

Program Progress Summary: As of December 2014, there were 14,381 participating customers.

Program Description and Progress

Program Title: Self-Install Energy Efficiency Program

Program Description: This program promotes the purchase and installation of ENERGY STAR rated appliances for residential customers. The program focuses on increasing customer awareness of the benefits of energy efficient technologies and products through customer education and retail partnerships.

Program Accomplishments: During 2014, 677 customers installed qualifying ENERGY STAR appliances. These include 293 ENERGY STAR Refrigerators, 16 ENERGY STAR Freezers, 38 ENERGY STAR Window A/Cs, 330 ENERGY STAR Clothes Washers. The projection for 2014 was 3,854 ENERGY STAR appliances resulting in a variance of 3,177 fewer participants than the projection.

Program Fiscal Expenditures: For 2014, program expenses were projected to be $272,748 compared to actual expenses of $151,949 resulting in a variance of $120,799, or 44.3% under the projection.

Program Progress Summary: Since its launch in 2011, 12,506 customers have installed ENERGY STAR appliances as part this program. These include 5,875 ENERGY STAR Refrigerators, 425 ENERGY STAR Freezers, 511 ENERGY STAR Window A/Cs and 5,695 ENERGY STAR Clothes Washers. Additionally, 80,846 CFLs were acquired.

Program Description and Progress

Program Title: Refrigerator Recycling Program

Program Description: This program is intended to eliminate inefficient or secondary refrigerators in an environmentally safe manner and produce cost-effective long-term energy and peak demand savings in the residential sector. The objective of the program is to increase customer awareness of the economic and environmental costs associated with running inefficient, older appliances in a household, and to provide eligible customers with free refrigerator and freezer pick-up services in addition to a small financial incentive.

Program Accomplishments: During 2014, 903 customers participated in this program compared to a projection 218, or 685 more participants than the projection.

Program Fiscal Expenditures: During 2014, expenses were projected to be $140,662 compared to actual expenses of $215,970 resulting in a variance of $75,308, or 53.5% over the projection.

Program Progress Summary: Since its launch in 2011, 3,764 customers have participated in this program.

Program Description and Progress

Program Title: Commercial/Industrial Audit

Program Description: This program is designed to provide professional advice to commercial and industrial customers on how to reduce and make the most efficient use of energy. This program covers the smallest commercial customer, requiring only a walk-through survey, to the use of computer programs which will simulate several design options for very large, energy-intensive customers. The program is designed to include semi-annual and annual follow-ups with the customer to verify installation of conservation measures and to reinforce the need to continue with more conservation efforts. Customers may participate by requesting a basic Energy Analysis Audit (EAA) provided through either an on-site survey or a direct mail survey. A more comprehensive analysis can be provided by conducting a Technical Assistance Audit (TAA).

Program Accomplishments: During 2014, the Company performed 487 commercial/industrial audits. The total projection for 2014 was 600 audits for a variance of 113 fewer participants than projected.

Program Fiscal Expenditures: For 2014, Gulf projected expenses of $703,833 compared to actual expenses of $700,070 for a deviation of $3,763, or 0.5% under budget.

Program Progress Summary: Since this program was launched, 21,920 commercial/industrial audits have been performed.

Program Description and Progress

Program Title: Commercial HVAC Retrocommissioning Program

Program Description: This program offers basic retrocommissioning at a reduced cost for qualifying installations of existing commercial and industrial customers. It is designed to diagnose the performance of the HVAC cooling unit(s) operating in commercial buildings with the support of an independent computerized quality control process and make improvements to the system to bring its full efficiency. This program includes air cooled and water cooled equipment – identified as A/C, heat pump, direct expansion (DX) or geothermal cooling and heating.

Program Accomplishments: During 2014, 64 customers participated in this program compared to a projection of 169 participants resulting in a variance of 105 fewer participants than projected.

Program Fiscal Expenditures: For 2014, the Company projected $69,401 in program expenses compared to actual expenses of $47,217 resulting in a variance of $22,184, or 32.0% under the projection.

Program Progress Summary: Since its launch in 2011, 948 customers have participated in this program.

Program Description and Progress

Program Title: Commercial Building Efficiency Program

Program Description: This program is designed as an umbrella efficiency program for commercial and industrial customers to encourage the installation of eligible high-efficiency equipment as a means of reducing energy and demand. The goal of the program is to increase awareness and customer demand for high-efficiency, energy-saving equipment; increase availability and market penetration of energy efficient equipment; and contribute toward long-term energy savings and peak demand reductions. These goals are accomplished through multiple options including HVAC efficiency upgrades, heat pump water heater installations, ceiling/roof insulation improvements, window film installation, interior lighting improvements, commercial occupancy sensors and commercial reflective roof installations.

Program Accomplishments: During 2014, compared to the 2014 projection, the measures in this program have had the following participation:

Program	Annual Projections (2014)	Actual Participation (2014)	Variance
Commercial HVAC (tons of installed HVAC)	2,155	1,606	(549)
Commercial Geothermal Heat Pump (tons of installed HVAC)	65	73	8
Heat Pump Water Heater	1	1	0
Ceiling/Roof Insulation (square feet)	6,383	4,742	(1,641)
Window Film (square feet)	538	2,122	1,584
Commercial Interior Lighting (kW)	1,000	1,672	672
Commercial Occupancy Sensor	4,535	3,650	(885)
Commercial Reflective Roof (square feet)	125,995	533,691	407,696

Program Fiscal Expenditures: During the reporting period, Gulf projected $1,498,662 in expenses compared to actual expenses of $1,400,308 for a variance of $98,354, or 6.6% under the projection.

Program Progress Summary: Since its launch in 2011, customer participation is shown in the table below.

Program	Program to Date Participation
Commercial HVAC (tons of installed HVAC)	6,030
Commercial Geothermal Heat Pump (tons of installed HVAC)	491
Heat Pump Water Heater	3
Ceiling/Roof Insulation (square feet)	298,386
Window Film (square feet)	33,790
Commercial Interior Lighting (kW)	5,048
Commercial Occupancy Sensor	9,778
Commercial Reflective Roof (square feet)	2,774,592

Program Description and Progress

Program Title: HVAC Occupancy Sensor

Program Description: This program is intended to help manage energy consumption and reduce energy waste in hotel rooms by automatically controlling temperature settings in hotel rooms when the rooms are unoccupied.

Program Accomplishments: For the reporting period, 82 sensors were installed as part of this program compared to a projection of 146, or 64 sensors under the projection.

Program Fiscal Expenditures: During the reporting period, the Company projected expenses of $38,751 compared to actual expenses of $39,646 resulting in a variance of $895, or 2.3% over the projection.

Program Progress Summary: Since its launch in 2011, 5,418 HVAC occupancy sensors have been installed as part of the HVAC Occupancy Sensor program.

Program Description and Progress

Program Title: High Efficiency Motor Program

Program Description: This program is designed to encourage commercial and industrial customers to install premium-efficiency motors in new or existing facilities. The objective is to reduce demand and energy associated with electric motors by encouraging the replacement of worn out, inefficient motors with high efficiency motors.

Program Accomplishments: During 2014, 1,527 horsepower (HP) of energy efficient motors were installed compared to a projection of 2,754 HP, or 1,227 HP below the projection.

Program Fiscal Expenditures: During the reporting period, the Company projected expenses of $72,317 compared to actual expenses of $49,835 resulting in a variance of $22,482, or 31.1% under the projection.

Program Progress Summary: Since its launch in 2011, customers have installed 4,523 HP in energy efficiency motors.

Program Description and Progress

Program Title: Food Service Efficiency Program

Program Description: This program encourages the installation of ENERGY STAR qualified or equivalent energy efficient commercial and industrial food service equipment. The objective of the program is to reduce energy consumption and demand as well as operating costs for the customer through the use of qualified food service equipment including convection ovens, fryers, griddles, steamers, holding cabinets and ice machines.

Program Accomplishments: During 2014, 11 participants enrolled in this program in comparison to a total projection of 11 participants. Qualified installed equipment included 1 Convection Oven, 3 Fryers, 0 Griddles, 1 Steamer, 2 Holding Cabinets and 4 Ice Machines.

Program Fiscal Expenditures: During the reporting period, Gulf projected expenses of $66,211 compared to actual expenses of $74,443 resulting in a variance of $8,232, or 12.4% over the projection.

Program Progress Summary: Since its launch in 2011, 75 customers have participated in the Food Service Efficiency program.

Program Description and Progress

Program Title: Commercial/Industrial Custom Incentive

Program Description: This program is designed to establish the capability and process to offer advanced energy services and energy efficient end-user equipment to Commercial/Industrial customers. These energy services include comprehensive audits, design, and construction of energy conservation projects. Specifically, projects covered under this program would be demand reduction or efficiency improvement retrofits that are beyond the scope of other programs.

Program Accomplishments: During 2014, no customers participated in this program.

Program Fiscal Expenditures: During the reporting period, the Company projected expenses of $74,964 compared to actual expenses of $73,298 resulting in a variance of $1,666, or 2.2% under the projection.

Program Progress Summary: Since its launch in 2011, 15 customers have participated in the Commercial/Industrial Custom Incentive program resulting in at the meter kWh reductions of 7,070,333, winter kW reductions of 741 and summer kW reductions of 1,151.

Program Description and Progress

Program Title: Renewable Energy

Program Description: The Renewable Energy Program promotes the deployment of demand-side renewable technologies through a portfolio of four pilot programs. These programs include providing Solar Photovoltaic (PV) systems up to 10 kW in public education facilities (Solar for Schools), offering PV rebates and solar thermal water heating (STWH) rebates to customers installing qualifying systems and facilitating the installation of STWH systems in low-income housing units.

Program Accomplishments: During 2014, the following participation occurred in this program:

- Solar for Schools – Gulf is in the process of finalizing the installation of one 10kW solar PV system at the public education facility selected as part of Gulf's Solar for Schools program for 2014. The project was unable to be completed in 2014 due to the flood events of April 2014.
- Solar PV (residential and commercial) – 50 customers completed the installation of a qualifying solar PV system and received an incentive.
- Solar Thermal Water Heating – 29 customers completed the installation of a qualifying solar thermal water heating system and received an incentive.
- Solar Thermal Water Heating for Low Income – Gulf facilitated the installation of 14 qualifying solar thermal water heating systems in low-income residential housing units in 2014. The program provided the full installation cost for the installations in residences owned and managed by the Escambia County Area Housing Commission.

Program Fiscal Expenditures: During the reporting period, the Company projected expenses of $861,832 compared to actual expenses of $730,260 resulting in a variance of $131,572, or 15.3% under the projection.

Program Progress Summary: Since its launch in 2011, participation is as follows:

Measure	Program Participation (Program to Date)
Solar for Schools	2 PV System Installed
Solar PV (Residential and Commercial)	182 PV Systems Installed
Solar Thermal Water Heater (STWH)	105 STWH Systems Installed
Solar Thermal Water Heater for Low Income	44 STWH Systems Installed

Program Description and Progress

Program Title: Energy *Select* Electric Vehicle Pilot Program

Program Description: The Energy *Select* Electric Vehicle Pilot Program provides residential customers with an incentive to encourage electric vehicle transportation and off-peak charging through the Energy *Select* Program. The objective of this pilot program is to measure customer acceptance of electric vehicles (EVs) and plug-in hybrid electric vehicles (PHEVs) as well as customer response to charging these electric vehicles using Gulf Power's existing Energy *Select* Program.

Program Accomplishments: During 2014, 5 customers participated in the Energy *Select* Electric Vehicle Pilot Program.

Program Fiscal Expenditures: During the reporting period, the Company projected expenses of $2,500 compared to actual expenses of $4,500 resulting in a variance of $2,000 or 80.0% over the projection.

Program Progress Summary: Since its launch in 2011, 18 customers have participated in the Energy *Select* Electric Vehicle Pilot Program.

Program Description and Progress

Program Title: Conservation Demonstration and Development

Program Description: A package of conservation programs was approved by the FPSC in Order No. 23561 for Gulf Power Company to explore and to pursue research, development, and demonstration projects designed to promote energy efficiency and conservation. This program serves as an umbrella program for the identification, development, demonstration and evaluation of new or emerging end-use technologies.

Program Accomplishments:

UWF BEST House
Gulf Power has entered into a partnership, along with a number of other donors, with the University of West Florida, located in Pensacola, Florida, to help build the BEST (Build Educate Sustain Technology) House. This is a demonstration house that will be used as an educational tool and resource for Northwest Florida.

Previously, the BEST House program's intent was to provide a home featuring energy-efficient, sustainable design techniques available to the median homebuilder and buyer of today. The 3,300 square foot, three-bedroom home was to be a study model featuring passive solar collectors, grey-water and rainwater collection systems, advanced insulation systems, a geothermal heat pump, whole-house ventilation, energy-efficient appliances and lighting, day-lighting, and sustainable building products.

Construction of the BEST House has been delayed from the original plans due to general economic conditions affecting sponsor support and permitting requirements. The project team held a kick-off meeting during the summer of 2011 and agreed to move forward with a modified plan. The original house will not be built; however, the intent of the project remains the same. The new plan involves the retrofit of an existing building on UWF's site. In the approximately 3800 sq. ft. building, Gulf anticipates showcasing similar features such as passive solar collectors, grey-water and rainwater collection systems, advanced insulation systems, a High SEER conventional and Variable Refrigerant Flow (VRF) heat pump, whole-house ventilation, energy-efficient appliances and lighting, day-lighting, and sustainable building products.

The modified house, now known as The Community Outreach, Research and Education (C.O.R.E.) Initiative, will be used as a center to explain and demonstrate the advantages of retrofitting existing homes for energy efficiency. The C.O.R.E. initiative is committed to improving construction education at the University of West Florida (UWF) and in the greater Pensacola, Florida community. The C.O.R.E facility

is a multipurpose laboratory; a research lab, a trade demonstration area, a construction yard, and an interactive, energy efficiency and demonstration showcase. The C.O.R.E. facility will promote energy efficient construction through the innovative display of cutting-edge technology, and through community outreach and participation. The lab will be made available to students, industry professionals and the general public.

The facility will accommodate a research initiative in an effort to measure the efficacy of different building technologies and installations. The C.O.R.E initiative is particularly focused on the metering and measurement of sealed attic spaces, roof types, walls forms, windows, water heaters, HVAC equipment, renewable energy and controls systems. The construction yard and demonstration area would provide a similar opportunity for materials research and community seminars.

Gulf Power is acting as the primary Energy Consultant to all end uses and new technologies that will continue to be donated to this project. Gulf Power will pay for the purchase, installation and monitoring of equipment that will provide data on a wide variety of energy and water end uses.

All participants remain optimistic and enthusiastic about the completion and potential contributions of this project. This project is expected to be in place and active by the end of 2015.

Azalea Trace Project

The purpose of this project is to test the application of a Heat Pump Water Heater in an assisted living facility. The project includes the installation of a commercial size Heat Pump Water Heater (4-ton heating capacity), two119 gallon storage tanks and distribution duct work. The HPWH unit will provide preheated water (140 degrees F) to the existing natural gas boilers. In turn the boilers will feed the existing 350 gallon storage tank supplying hot water to the washers.

The project will provide a database for the application of the HPWH in this type facility. No data is on record within Gulf Power for the HPWH application in an assisted living facility. The laundry is a 24-hour 7-day a week operating facility. The data will be used to promote energy efficient production of hot water, off-set the installation of additional air conditioning units and provide a better climatic working environment for the employees.

The sole customer will be Azalea Trace Assisted Living facility. Currently the heated water is produced by two natural gas boilers. The first phase of monitoring will be to record the existing natural gas required to supply hot water. This will be identified as the "as-built" system. Further monitoring will include measuring the effect the HPWH system has on the boilers' fuel usage. The "as-built" system currently heats the water to 140 degrees (F). This also will be accomplished with the application of the

HPWH. The HPWH will either supply the total amount of hot water required or provide additional stored 140-degee (F) water to two 119 gallon storage tanks. The HPWH will also supply pre-heated water to the boiler during peak water usage. This feature will allow the existing boilers to reduce their natural gas consumption and work more efficiently. After the heat pump water heater is installed, monitoring will continue on the boilers to determine this reduction. Additional monitoring points will be: water flow (GPM), energy (kWh of HPWH), and the amount of air conditioning (BTUH) it provides as a by-product.

The values of the data recorded will be used to calculate the system amount of "free" A/C cooling, the effect on the amount of natural gas used by the boilers, the electrical usage of the HPWH and the overall energy efficiency of the system.

The data will illustrate the efficient use of a dual fuel application in a large commercial, 24-hour operating facility for the first time in Gulf's service area.

The project will be monitored for at least one year and the results will be reported to the commission by the end of 2015.

10th Ave North Hair Salon Heat Pump Water Heater Project (HPWH)
This project will be used to determine if a residential HPWH can be used successfully in small commercial applications with high usage. As part of this project, a residential HPWH will be installed and metered in a high water use commercial facility to determine the performance, reliability and economic return on investment. Gulf is partnering with General Electric (GE) for this project. Two 50 gallon HPWH's will be installed with an Energy Factor of 2.4, which GE has agreed to warranty as part of this project.

This project will be monitored for at least one year and the results will be reported to the commission by end of 2016.

Program Fiscal Expenditures: Program expenses were forecasted at $54,822 for the period January through December 2014 compared to actual expenses of $56,602 for a deviation of $1,780, or 3.2% over the projection. Project expenses were as follows: UWF BEST House, $0; Azalea Trace Heat Pump Water Heater, $31,968; and Hair Salon Heat Pump Water Heater Project, $24,634.

GULF POWER COMPANY

ENERGY CONSERVATION COST RECOVERY CLAUSE
INDEX OF SCHEDULES

Schedule Number	Title	Pages
C-1	Summary of Cost Recovery Clause Calculation	2-4
C-2	Projected Program Costs for January 2015 - December 2015	5-9
C-3	Conservation Program Costs for January 2014 - July 2014 Actual August 2014 - December 2014 Estimated	10-19
C-4	Calculation of Conservation Revenues	20
C-5	Program Descriptions and Progress Reports	21-51
C-6	RSVP Factors	52

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 150002-EG EXHIBIT: 9
PARTY: GULF POWER COMPANY (GULF) – DIRECT
DESCRIPTION: John N. Floyd JNF-2

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SUMMARY OF PROJECTED COST RECOVERY CLAUSE CALCULATION
For the Period: January, 2016 Through December, 2016

		$
1.	Net Program Costs: Projected for 2016 (Schedule C-2 Page 2 of 5, Line 15)	12,849,374
2.	True Up: Estimated 2015 (Jan-Jul Actual; Aug-Dec Est.) (Schedule C-3, Page 3 of 7, Line 11)	(5,833,177)
3.	Total (Line 1 + Line 2)	7,016,197
4.	Cost Subject to Revenue Taxes	7,016,197
5.	Revenue Tax	1.00072
6.	Total Recoverable Cost	7,021,249

Program costs are split in proportion to the current period split of demand-related and energy-related costs, see below. The allocation of projected ECCR costs between demand and energy is shown on schedule C-2, page 2 of 5, and is consistent with the methodology set forth in FPSC Order No. PSC-93-1845-FOF-EG.

		$
7.	Total Cost	7,021,249
8.	Energy Related Costs	4,674,763
9.	Demand Related Costs (total)	2,346,486
10.	Demand Costs Allocated on 12 CP	2,165,987
11.	Demand Costs Allocated on 1/13 th	180,499

		Energy $	Demand $ Half of Energy *Select*	Total	Energy	Demand	Total Recoverable Costs Including Revenue Taxes
		$	$	$	$	$	$
12.	Est/Actual 2015	14,882,236	3,050,193	17,932,429	(4,844,476)	(992,901)	(5,837,377)
13.	Percentage	82.99%	17.01%	100.00%			
14.	Projected 2016	9,512,390	3,336,984	12,849,374	9,519,239	3,339,387	12,858,626
15.	Percentage	74.03%	25.97%	100.00%			
16.	Total				4,674,763	2,346,486	7,021,249

GULF POWER COMPANY
ENERGY CONSERVATION COST RECOVERY FACTORS
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
For the Period: January, 2016 Through December, 2016

	A	B	C	D	E	F	G	H	I
Rate Class	Average 12 CP Load Factor at Meter	Jan - Dec 2016 Projected KWH Sales at Meter	Projected Avg 12 CP KW at Meter	Demand Loss Expansion Factor	Energy Loss Expansion Factor	Jan - Dec 2016 Projected KWH Sales at Generation	Projected Avg 12 CP KW at Generation	Jan - Dec 2016 Percentage of KWH Sales at Generation	Percentage of 12 CP KW Demand at Generation
RS, RSVP	57.025261%	5,268,733,000	1,054,714	1.00820508	1.00777864	5,309,716,577	1,063,368	48.17165%	57.28868%
GS	65.082883%	283,352,000	49,700	1.00820395	1.00777656	285,555,504	50,108	2.59066%	2.69954%
GSD, GSDT, GSTOU	75.900487%	2,572,526,000	386,911	1.00800263	1.00762887	2,592,151,466	390,007	23.51692%	21.01155%
LP, LPT	85.148219%	979,635,000	131,336	0.97344897	0.98364378	963,611,874	127,849	8.74223%	6.88784%
PX, PXT, RTP, SBS	88.430490%	1,773,222,000	228,906	0.95247952	0.96644352	1,713,718,911	218,028	15.54747%	11.74621%
OS - I / II	782.722832%	111,141,000	1,621	1.00802086	1.00777465	112,005,082	1,634	1.01615%	0.08803%
OS-III	101.182319%	45,381,000	5,120	1.00838359	1.00778595	45,734,334	5,163	0.41492%	0.27815%
TOTAL		11,033,990,000	1,858,308			11,022,493,748	1,856,157	100.00000%	100.00000%

Notes:
Col A = Average 12 CP load factor based on actual 2012 load research data.
Col C = Col B / (8760 hours x Col A), 8,760 is the number of hours in 12 months.
Col F = Col B x Col E
Col G = Col C x Col D
Col H = Col F / Total Col F
Col I = Col G / Total Col G

GULF POWER COMPANY
ENERGY CONSERVATION COST RECOVERY FACTORS
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
For the Period: January, 2016 Through December, 2016

	A	B	C	D	E	F	G	H
Rate Class	Jan - Dec 2016 Percentage of KWH Sales at Generation	Percentage of 12 CP KW Demand at Generation	Demand Allocation 12CP	Demand Allocation 1/13 th	Energy Allocation	Total Conservation Costs	Jan - Dec 2016 Projected KWH Sales at Meter	Conservation Recovery Factor cents per KWH
RS, RSVP	48.17165%	57.28868%	$1,240,864	$86,949	$2,251,910	$3,579,723	5,268,733,000	0.068
GS	2.59066%	2.69954%	58,472	4,676	121,107	184,255	283,352,000	0.065
GSD, GSDT, GSTOU	23.51692%	21.01155%	455,107	42,448	1,099,360	1,596,915	2,572,526,000	0.062
LP, LPT	8.74223%	6.88784%	149,190	15,780	408,679	573,649	979,635,000	0.059
PX, PXT, RTP, SBS	15.54747%	11.74621%	254,421	28,063	726,807	1,009,291	1,773,222,000	0.057
OS - I / II	1.01615%	0.08803%	1,907	1,834	47,503	51,244	111,141,000	0.046
OS-III	0.41492%	0.27815%	6,025	749	19,397	26,171	45,381,000	0.058
TOTAL	100.00000%	100.00000%	$2,165,986	$180,499	$4,674,763	$7,021,248	11,033,990,000	

Notes:
A Obtained from Schedule C-1, page 2 of 3, col H
B Obtained from Schedule C-1, page 2 of 3, col I
C Total from C-1, page 1, line 10 * col B
D Total from C-1, page 1, line 11 * col A
E Total from C-1, page 1, line 8 * col A
F Sum of Cols C, D and E
G Projected kwh sales for the period January 2016 through December 2016
H Col F / G

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
PROJECTED CONSERVATION PROGRAM NET COSTS
For the Period: January, 2016 Through December, 2016

	Programs	Depreciation, Return & Property Taxes	Payroll & Benefits	Materials Vehicles & Expenses	Other	Advertising	Incentives	Total Costs	Program Fees	Net Costs
	Residential Conservation Programs:									
1.	Residential Energy Audit and Education	9,298	1,952,010	425,003	0	350,000	0	2,736,311	0	2,736,311
2.	Community Energy Saver	0	22,750	503,665	0	0	137,500	663,915	0	663,915
3.	Residential Custom Incentive	0	0	0	0	0	50,000	50,000	0	50,000
4.	HVAC Efficiency	0	82,325	404,659	0	0	345,000	831,984	0	831,984
5.	Residential Building Efficiency	0	18,870	8,606	0	0	115,050	142,526	0	142,526
6.	Energy *Select*	2,431,426	1,358,454	2,584,087	0	300,000	0	6,673,967	0	6,673,967
	Subtotal	2,440,724	3,434,409	3,926,020	0	650,000	647,550	11,098,703	0	11,098,703
	Commercial / Industrial Conservation Programs:									
7.	Commercial / Industrial Audit	0	793,497	115,208	0	0	0	908,705	0	908,705
8.	HVAC Retrocommissioning	0	2,125	32,440	0	0	25,000	59,565	0	59,565
9.	Commercial Building Efficiency	0	129,413	41,990	0	0	148,750	320,153	0	320,153
10.	Commercial / Industrial Custom Incentive	0	0	2,748	0	0	50,000	52,748	0	52,748
	Subtotal	0	925,035	192,386	0	0	223,750	1,341,171	0	1,341,171
11.	**Residential Time of Use Rate Pilot**	0	30,500	129,000	0	0	0	159,500	0	159,500
12.	**Conservation Demonstration and Development**	0	41,119	208,881	0	0	0	250,000	0	250,000
13.	Total All Programs	2,440,724	4,431,063	4,456,287	0	650,000	871,300	12,849,374	0	12,849,374
14.	Less: Base Rate Recovery	0	0	0	0	0	0	0	0	0
15.	Net Program Costs	2,440,724	4,431,063	4,456,287	0	650,000	871,300	12,849,374	0	12,849,374

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
PROJECTED CONSERVATION PROGRAM COSTS (NET OF PROGRAM FEES)
For the Period: January, 2016 Through December, 2016

Programs

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	12 MONTH TOTAL	DEMAND COSTS	ENERGY COSTS
Residential Conservation Programs:															
1. Residential Energy Audit and Education	188,226	320,237	200,767	275,814	237,152	225,645	195,304	221,504	277,817	198,397	197,167	198,281	2,736,311		2,736,311
2. Community Energy Saver	54,938	54,969	55,432	56,407	55,145	55,059	55,070	55,060	56,453	55,167	55,104	55,110	663,915		663,915
3. Residential Custom Incentive	3,657	3,578	4,150	5,388	3,758	5,396	3,698	3,686	5,341	3,785	3,736	3,827	50,000		50,000
4. HVAC Efficiency	20,458	24,988	143,183	149,470	149,819	147,712	33,419	33,695	35,482	36,354	34,291	23,114	831,984		831,984
5. Residential Building Efficiency	11,308	11,360	11,568	13,329	11,669	11,723	11,562	11,778	13,438	11,621	11,585	11,582	142,526		142,526
6. Energy *Select*	555,248	519,166	585,935	578,203	536,231	553,076	533,463	535,969	615,973	552,540	543,141	565,021	6,673,967	3,336,984	3,336,983
Subtotal	833,835	934,298	1,001,035	1,078,611	993,774	998,611	832,516	861,692	1,004,504	857,864	845,024	856,935	11,098,703	3,336,984	7,761,719
Commercial / Industrial Conservation Programs:															
7. Commercial / Industrial Audit	64,182	65,952	89,348	98,221	67,919	68,058	66,773	67,933	100,099	85,346	67,690	67,184	908,705		908,705
8. HVAC Retrocommissioning	3,086	3,642	4,809	5,440	5,868	5,850	5,852	5,852	5,989	5,866	4,754	2,555	59,565		59,565
9. Commercial Building Efficiency	24,552	24,525	25,211	32,274	25,465	29,385	25,212	24,978	31,925	25,867	25,462	25,297	320,153		320,153
10. Commercial / Industrial Custom Incentive	2,246	2,266	7,983	3,392	2,386	7,959	2,343	2,334	9,074	2,414	2,368	7,982	52,748		52,748
Subtotal	94,066	96,385	127,351	139,327	101,638	111,252	100,180	101,097	147,087	119,493	100,274	103,018	1,341,171	0	1,341,171
11. **Residential Time of Use Rate Pilot**	10,757	11,790	14,239	12,069	18,506	11,994	11,822	13,591	12,194	18,812	12,149	11,577	159,500		159,500
12. **Conservation Demonstration and Developr**	20,099	20,425	20,754	22,186	21,398	20,468	20,583	20,583	22,196	21,437	20,705	19,166	250,000		250,000
13. Total All Programs	958,757	1,062,898	1,163,379	1,252,193	1,135,316	1,142,325	965,101	996,963	1,185,981	1,017,606	978,152	990,696	12,849,374	3,336,984	9,512,390
14. Less: Base Rate Recovery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15. Net Program Costs	958,757	1,062,898	1,163,379	1,252,193	1,135,316	1,142,325	965,101	996,963	1,185,981	1,017,606	978,152	990,696	12,849,374	3,336,984	9,512,390

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
Residential Energy Surveys - Display Cases
For the Period: January, 2016 Through December, 2016

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected Sept	Projected Oct	Projected Nov	Projected Dec	Total
1.	Additions to Plant In Service (Net of Retirements)		0	0	0	0	0	0	0	0	0	0	0	0	
2.	Depreciation Base - Total	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	
3.	Depreciation Expense (A)		164	164	164	164	164	164	164	164	164	164	164	164	1,968
4.	Cumulative Plant in Service Additions	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	13,814	
5.	Less: Accumulated Depreciation	11,841	12,005	12,169	12,333	12,497	12,661	12,825	12,989	13,153	13,317	13,481	13,645	13,809	
6.	Net Plant in Service (Line 4 - 5)	1,973	1,809	1,645	1,481	1,317	1,153	989	825	661	497	333	169	5	
7.	Net Additions/Reductions to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	
8.	CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	
9.	Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	
10.	Net Investment (Line 6 + 8 + 9)	1,973	1,809	1,645	1,481	1,317	1,153	989	825	661	497	333	169	5	
11.	Average Net Investment		1,891	1,727	1,563	1,399	1,235	1,071	907	743	579	415	251	87	
12.	Rate of Return / 12 (Including Income Taxes) (B)		0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	
13.	Return Requirement on Average Net Investment		13	12	11	10	8	7	6	5	4	3	2	1	82
14.	Property Taxes		9	9	9	9	9	9	9	9	9	9	9	9	108
15.	Total Depreciation, Return and Property Taxes (Line 3+13+14)		186	185	184	183	181	180	179	178	177	176	175	174	2,158

Notes:
(A) Displays are Seven year Property 1.1905% per month.
(B) Revenue Requirement Return (includes Income Taxes) is 8.1828%.

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
Residential Energy Surveys - Thermal Imaging Tools
For the Period: January, 2016 Through December, 2016

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected Sept	Projected Oct	Projected Nov	Projected Dec	Total
1.	Additions to Plant In Service (Net of Retirements)		0	0	0	0	0	0	0	0	0	0	0	0	
2.	Depreciation Base - Total	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	
3.	Depreciation Expense (A)		543	543	543	543	543	543	543	543	543	543	543	543	6,516
4.	Cumulative Plant in Service Additions	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	45,653	
5.	Less: Accumulated Depreciation	39,131	39,674	40,217	40,760	41,303	41,846	42,389	42,932	43,475	44,018	44,561	45,104	45,647	
6.	Net Plant in Service (Line 4 - 5)	6,522	5,979	5,436	4,893	4,350	3,807	3,264	2,721	2,178	1,635	1,092	549	6	
7.	Net Additions/Reductions to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	
8.	CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	
9.	Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	
10.	Net Investment (Line 6 + 8 + 9)	6,522	5,979	5,436	4,893	4,350	3,807	3,264	2,721	2,178	1,635	1,092	549	6	
11.	Average Net Investment		6,250	5,707	5,164	4,621	4,078	3,535	2,992	2,449	1,906	1,363	820	277	
12.	Rate of Return / 12 (Including Income Taxes) (B)		0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	
13.	Return Requirement on Average Net Investment		43	39	35	32	28	24	20	17	13	9	6	2	268
14.	Property Taxes		30	30	30	30	30	30	30	30	30	30	30	26	356
15.	Total Depreciation, Return and Property Taxes (Line 3+13+14)		616	612	608	605	601	597	593	590	586	582	579	571	7,140

Notes:
(A) Thermal Imaging Tools are Seven year Property 1.1905% per month.
(B) Revenue Requirement Return (includes Income Taxes) is 8.1828%.

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
Energy *Select*
For the Period: January, 2016 Through December, 2016

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected Sept	Projected Oct	Projected Nov	Projected Dec	Total
1.	Additions to Plant In Service (Net of Retirements)		130,244	146,325	161,805	177,926	193,367	193,448	193,367	177,663	161,805	146,092	130,244	130,307	
2.	Depreciation Base	13,571,362	13,701,606	13,847,931	14,009,736	14,187,662	14,381,029	14,574,477	14,767,844	14,945,507	15,107,312	15,253,404	15,383,648	15,513,955	
3.	Depreciation Expense (A)		31,214	31,514	31,850	32,222	32,632	33,076	33,521	33,966	34,375	34,747	35,083	35,382	399,582
4.	Cumulative Plant in Service Additions	13,571,362	13,701,606	13,847,931	14,009,736	14,187,662	14,381,029	14,574,477	14,767,844	14,945,507	15,107,312	15,253,404	15,383,648	15,513,955	
5.	Salvage, Cost of Removal and Retirement		(105,685)	(105,685)	(105,685)	(105,685)	(105,685)	(105,685)	(105,685)	(105,685)	(105,685)	(105,685)	(105,685)	(105,685)	
6.	Less: Accumulated Depreciation	(7,632,545)	(7,707,016)	(7,781,187)	(7,855,022)	(7,928,485)	(8,001,538)	(8,074,147)	(8,146,311)	(8,218,030)	(8,289,340)	(8,360,278)	(8,430,880)	(8,501,183)	
7.	Net Plant in Service (Line 4 - 6)	21,203,906	21,408,621	21,629,117	21,864,757	22,116,146	22,382,566	22,648,623	22,914,154	23,163,536	23,396,651	23,613,681	23,814,527	24,015,137	
8.	Net Additions/Reductions to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	
9.	CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	
10.	Inventory	505,129	1,276,352	1,105,420	919,779	726,402	519,457	1,176,806	959,568	743,524	1,056,129	861,823	677,682	505,129	
11.	Net Investment (Line 7 + 9 + 10)	21,709,035	22,684,973	22,734,537	22,784,536	22,842,548	22,902,023	23,825,429	23,873,722	23,907,060	24,452,780	24,475,504	24,492,209	24,520,266	
12.	Average Net Investment		22,197,004	22,709,755	22,759,537	22,813,542	22,872,286	23,363,726	23,849,576	23,890,391	24,179,920	24,464,142	24,483,857	24,506,238	
13.	Rate of Return / 12 (Including Income Taxes) (B)		0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	
14.	Return Requirement on Average Net Investment		151,361	154,858	155,197	155,566	155,966	159,317	162,630	162,909	164,883	166,821	166,955	167,108	1,923,571
15.	Property Taxes		9,023	9,023	9,023	9,023	9,023	9,023	9,023	9,023	9,023	9,023	9,023	9,020	108,273
16.	Total Depreciation, Return and Property Taxes (Line 3+14+15		191,598	195,395	196,070	196,811	197,621	201,416	205,174	205,898	208,281	210,591	211,061	211,510	2,431,426

Notes:
(A) Energy *Select* Property Additions Depreciated at 2.8% per year.
(B) Revenue Requirement Return (includes Income Taxes) is 8.1828%.

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
CONSERVATION PROGRAM NET COST
January, 2015 Through July, 2015, Actual
August, 2015 Through December 2015, Estimated

Actual	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Materials Vehicles & Expenses	Other	Advertising	Incentives	Total Costs	Program Fees	Net Costs
Residential Conservation Programs:									
1. Residential Energy Audit and Education									
a. Actual	5,929.68	943,110.31	131,035.24	0.00	73,977.23	0.00	1,154,052.46	0.00	1,154,052.46
b. Estimated August through December	4,082.84	673,650.00	176,735.55	0.00	162,242.30	0.00	1,016,710.69	0.00	1,016,710.69
c. Total	10,012.52	1,616,760.31	307,770.79	0.00	236,219.53	0.00	2,170,763.15	0.00	2,170,763.15
2. Community Energy Saver									
a. Actual	0.00	25,179.00	422,811.07	0.00	0.00	0.00	447,990.07	0.00	447,990.07
b. Estimated August through December	0.00	17,985.00	332,133.55	0.00	0.00	0.00	350,118.55	0.00	350,118.55
c. Total	0.00	43,164.00	754,944.62	0.00	0.00	0.00	798,108.62	0.00	798,108.62
3. Landlord-Renter Custom									
a. Actual	0.00	30,063.28	9,661.27	0.00	0.00	0.00	39,724.55	0.00	39,724.55
b. Estimated August through December	0.00	21,474.00	5,553.64	0.00	0.00	0.00	27,027.64	0.00	27,027.64
c. Total	0.00	51,537.28	15,214.91	0.00	0.00	0.00	66,752.19	0.00	66,752.19
4. HVAC Efficiency									
a. Actual	0.00	116,674.65	976,891.86	0.00	2,441.60	2,464,321.00	3,560,329.11	0.00	3,560,329.11
b. Estimated August through December	0.00	83,339.00	450,136.66	0.00	2,558.40	1,192,418.00	1,728,452.06	0.00	1,728,452.06
c. Total	0.00	200,013.65	1,427,028.52	0.00	5,000.00	3,656,739.00	5,288,781.17	0.00	5,288,781.17
5. Heat Pump Water Heater									
a. Actual	0.00	54,943.94	4,924.26	0.00	0.00	48,253.74	108,121.94	0.00	108,121.94
b. Estimated August through December	0.00	15,698.00	1,407.00	0.00	0.00	13,787.00	30,892.00	0.00	30,892.00
c. Total	0.00	70,641.94	6,331.26	0.00	0.00	62,040.74	139,013.94	0.00	139,013.94
6. Ceiling Insulation									
a. Actual	0.00	45,488.80	8,738.93	0.00	0.00	9,521.99	63,749.72	0.00	63,749.72
b. Estimated August through December	0.00	12,997.00	2,497.00	0.00	0.00	2,721.00	18,215.00	0.00	18,215.00
c. Total	0.00	58,485.80	11,235.93	0.00	0.00	12,242.99	81,964.72	0.00	81,964.72
7. High Performance Window									
a. Actual	0.00	48,148.72	6,988.76	0.00	0.00	41,436.00	96,573.48	0.00	96,573.48
b. Estimated August through December	0.00	34,392.00	11,881.84	0.00	0.00	62,879.00	109,152.84	0.00	109,152.84
c. Total	0.00	82,540.72	18,870.60	0.00	0.00	104,315.00	205,726.32	0.00	205,726.32
8. Reflective Roof									
a. Actual	0.00	45,760.20	9,039.32	0.00	0.00	44,253.74	99,053.26	0.00	99,053.26
b. Estimated August through December	0.00	32,686.00	11,676.34	0.00	0.00	94,624.50	138,986.84	0.00	138,986.84
c. Total	0.00	78,446.20	20,715.66	0.00	0.00	138,878.24	238,040.10	0.00	238,040.10

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
CONSERVATION PROGRAM NET COST
January, 2015 Through July, 2015, Actual
August, 2015 Through December 2015, Estimated

Actual	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Materials Vehicles & Expenses	Other	Advertising	Incentives	Total Costs	Program Fees	Net Costs
Residential Conservation Programs Continued:									
9. Variable Speed Pool Pump									
a. Actual	0.00	44,989.93	11,441.49	0.00	0.00	18,378.24	74,809.66	0.00	74,809.66
b. Estimated August through December	0.00	12,854.00	3,269.00	0.00	0.00	5,251.00	21,374.00	0.00	21,374.00
c. Total	0.00	57,843.93	14,710.49	0.00	0.00	23,629.24	96,183.66	0.00	96,183.66
10. Energy *Select* / Energy *Select LITE*									
a. Actual	1,284,147.43	631,954.68	1,281,256.04	0.00	107,014.55	3.74	3,304,376.44	0.00	3,304,376.44
b. Estimated August through December	932,944.40	451,396.00	1,286,671.96	0.00	125,000.00	(3.74)	2,796,008.62	0.00	2,796,008.62
c. Total	2,217,091.83	1,083,350.68	2,567,928.00	0.00	232,014.55	0.00	6,100,385.06	0.00	6,100,385.06
11. Self-Install Energy Efficiency									
a. Actual	0.00	5,373.36	1,392.66	0.00	0.00	116,132.50	122,898.52	0.00	122,898.52
b. Estimated August through December	0.00	3,838.00	995.00	0.00	0.00	43,867.50	48,700.50	0.00	48,700.50
c. Total	0.00	9,211.36	2,387.66	0.00	0.00	160,000.00	171,599.02	0.00	171,599.02
12. Refrigerator Recycling									
a. Actual	0.00	5,755.04	1,685.90	0.00	0.00	38.74	7,479.68	0.00	7,479.68
b. Estimated August through December	0.00	1,644.00	482.00	0.00	0.00	11.00	2,137.00	0.00	2,137.00
c. Total	0.00	7,399.04	2,167.90	0.00	0.00	49.74	9,616.68	0.00	9,616.68
13. **Commercial / Industrial Conservation Programs:**									
Commercial / Industrial Energy Audit									
a. Actual	0.00	318,333.80	48,286.29	0.00	0.00	0.00	366,620.09	0.00	366,620.09
b. Estimated August through December	0.00	227,381.00	34,490.00	0.00	0.00	0.00	261,871.00	0.00	261,871.00
c. Total	0.00	545,714.80	82,776.29	0.00	0.00	0.00	628,491.09	0.00	628,491.09
14. HVAC Retrocommissioning									
a. Actual	0.00	13,618.77	2,888.28	0.00	0.00	1,468.74	17,975.79	0.00	17,975.79
b. Estimated August through December	0.00	9,728.00	2,063.00	0.00	0.00	1,049.00	12,840.00	0.00	12,840.00
c. Total	0.00	23,346.77	4,951.28	0.00	0.00	2,517.74	30,815.79	0.00	30,815.79

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
CONSERVATION PROGRAM NET COST
January, 2015 Through July, 2015, Actual
August, 2015 Through December 2015, Estimated

Actual	Depreciation, Return & Property Taxes	Payroll & Benefits	Materials Vehicles & Expenses	Other	Advertising	Incentives	Total Costs	Program Fees	Net Costs
Commercial / Industrial Conservation Programs Continued:									
15. Commercial Building Efficiency									
a. Actual	0.00	200,375.88	9,541.22	0.00	0.00	314,472.80	524,389.90	0.00	524,389.90
b. Estimated August through December	0.00	85,875.00	4,089.00	0.00	0.00	134,774.00	224,738.00	0.00	224,738.00
c. Total	0.00	286,250.88	13,630.22	0.00	0.00	449,246.80	749,127.90	0.00	749,127.90
16. HVAC Occupancy Sensor									
a. Actual	0.00	9,515.57	1,191.16	0.00	0.00	3.74	10,710.47	0.00	10,710.47
b. Estimated August through December	0.00	2,719.00	340.00	0.00	0.00	(3.74)	3,055.26	0.00	3,055.26
c. Total	0.00	12,234.57	1,531.16	0.00	0.00	0.00	13,765.73	0.00	13,765.73
17. High Efficiency Motors									
a. Actual	0.00	5,916.00	482.71	0.00	0.00	5,259.00	11,657.71	0.00	11,657.71
b. Estimated August through December	0.00	1,690.00	138.00	0.00	0.00	1,503.00	3,331.00	0.00	3,331.00
c. Total	0.00	7,606.00	620.71	0.00	0.00	6,762.00	14,988.71	0.00	14,988.71
18. Food Services									
a. Actual	0.00	14,073.30	1,791.73	0.00	0.00	5,350.00	21,215.03	0.00	21,215.03
b. Estimated August through December	0.00	4,021.00	512.00	0.00	0.00	1,529.00	6,062.00	0.00	6,062.00
c. Total	0.00	18,094.30	2,303.73	0.00	0.00	6,879.00	27,277.03	0.00	27,277.03
19. Commercial / Industrial Custom Incentive									
a. Actual	0.00	7,612.77	1,852.78	0.00	0.00	0.00	9,465.55	0.00	9,465.55
b. Estimated August through December	0.00	5,438.00	1,323.00	0.00	0.00	0.00	6,761.00	0.00	6,761.00
c. Total	0.00	13,050.77	3,175.78	0.00	0.00	0.00	16,226.55	0.00	16,226.55
Renewable Energy Plan:									
20. Renewable Energy Plan Common									
a. Actual	0.00	69,858.52	4,608.30	0.00	0.00	0.00	74,466.82	0.00	74,466.82
b. Estimated August through December	0.00	49,899.00	3,292.00	0.00	0.00	0.00	53,191.00	0.00	53,191.00
c. Total	0.00	119,757.52	7,900.30	0.00	0.00	0.00	127,657.82	0.00	127,657.82

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
CONSERVATION PROGRAM NET COST
January, 2015 Through July, 2015, Actual
August, 2015 Through December 2015, Estimated

	Actual	Depreciation, Return & Property Taxes	Payroll & Benefits	Materials Vehicles & Expenses	Other	Advertising	Incentives	Total Costs	Program Fees	Net Costs
	Renewable Energy Plan Continued:									
21.	Solar for Schools									
	a. Actual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	b. Estimated August through December	0.00	0.00	110,000.00	0.00	0.00	0.00	110,000.00	0.00	110,000.00
	c. Total	0.00	0.00	110,000.00	0.00	0.00	0.00	110,000.00	0.00	110,000.00
22.	Solar Thermal Water Heating									
	a. Actual	0.00	0.00	(9,000.00)	0.00	0.00	15,000.00	6,000.00	0.00	6,000.00
	b. Estimated August through December	0.00	0.00	9,000.00	0.00	0.00	4,000.00	13,000.00	0.00	13,000.00
	c. Total	0.00	0.00	0.00	0.00	0.00	19,000.00	19,000.00	0.00	19,000.00
23.	Solar PV									
	a. Actual	0.00	0.00	20,000.00	0.00	0.00	463,360.00	483,360.00	0.00	483,360.00
	b. Estimated August through December	0.00	0.00	(20,000.00)	0.00	0.00	46,640.00	26,640.00	0.00	26,640.00
	c. Total	0.00	0.00	0.00	0.00	0.00	510,000.00	510,000.00	0.00	510,000.00
24.	Solar Thermal Water Heating for Low-Income									
	a. Actual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	b. Estimated August through December	0.00	0.00	0.00	0.00	0.00	75,000.00	75,000.00	0.00	75,000.00
	c. Total	0.00	0.00	0.00	0.00	0.00	75,000.00	75,000.00	0.00	75,000.00
25.	**Residential Time of Use Rate Pilot (NEW)**									
	a. Actual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	b. Estimated August through December	0.00	0.00	181,250.00	0.00	0.00	0.00	181,250.00	0.00	181,250.00
	c. Total	0.00	0.00	181,250.00	0.00	0.00	0.00	181,250.00	0.00	181,250.00
26.	**Conservation Demonstration and Development:**									
	a. UWF Best House	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	b. Azalea Trace Heat Pump Water Heater	0.00	4,988.73	1,024.58	0.00	0.00	0.00	6,013.31	0.00	6,013.31
	c. 10th Ave Hair Salon Heat Pump Water	0.00	16,657.49	13,433.74	0.00	0.00	0.00	30,091.23	0.00	30,091.23
	d. Total Actual	0.00	21,646.22	14,458.32	0.00	0.00	0.00	36,104.54	0.00	36,104.54
	e. Estimated August through December	0.00	15,462.00	10,327.00	0.00	0.00	0.00	25,789.00	0.00	25,789.00
	f. Total	0.00	37,108.22	24,785.32	0.00	0.00	0.00	61,893.54	0.00	61,893.54
27.	a. Actual	1,290,077.11	2,658,392.74	2,961,967.59	0.00	183,433.38	3,547,253.97	10,641,124.79	0.00	10,641,124.79
	b. Estimated	937,027.24	1,764,166.00	2,620,263.54	0.00	289,800.70	1,680,046.52	7,291,304.00	0.00	7,291,304.00
28.	Total All Programs	2,227,104.35	4,422,558.74	5,582,231.13	0.00	473,234.08	5,227,300.49	17,932,428.79	0.00	17,932,428.79

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
CONSERVATION PROGRAM COSTS (Exclusive of Program Fees)
January, 2015 Through July, 2015, Actual
August, 2015 Through December 2015, Estimated

	ACTUAL									ESTIMATED						TOTAL ACTUAL & ESTIMATED
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	TOTAL ACT	ADJ	AUG	SEP	OCT	NOV	DEC	TOTAL EST	COSTS
Residential Conservation Programs:																
1. Residential Energy Audit and Education	142,968.34	185,298.02	178,441.42	160,746.54	150,064.30	165,455.36	171,078.48	1,154,052.46	0.00	203,342.00	203,342.00	203,342.00	203,342.00	203,342.69	1,016,710.69	2,170,763.15
2. Community Energy Saver	68,576.12	51,595.82	60,804.93	76,447.66	110,210.95	3,976.73	76,377.86	447,990.07	0.00	70,024.00	70,024.00	70,024.00	70,024.00	70,022.55	350,118.55	798,108.62
3. Landlord-Renter Custom	9,366.00	4,127.63	4,254.55	5,159.73	1,104.82	4,876.39	10,835.43	39,724.55	0.00	5,406.00	5,406.00	5,406.00	5,406.00	5,403.64	27,027.64	66,752.19
4. HVAC Efficiency	335,972.04	365,657.04	314,620.96	568,438.36	635,859.10	636,913.24	702,868.37	3,560,329.11	0.00	345,690.00	345,690.00	345,690.00	345,690.00	345,692.06	1,728,452.06	5,288,781.17
5. Heat Pump Water Heater	20,323.25	16,548.02	14,469.22	15,741.90	13,396.80	15,284.24	12,358.51	108,121.94	0.00	6,178.00	6,178.00	6,178.00	6,178.00	6,180.00	30,892.00	139,013.94
6. Ceiling Insulation	19,485.24	13,241.24	12,363.31	14,187.78	(22,145.93)	14,384.39	12,233.69	63,749.72	0.00	3,643.00	3,643.00	3,643.00	3,643.00	3,643.00	18,215.00	81,964.72
7. High Performance Window	15,629.33	10,907.80	13,787.56	14,038.82	11,589.14	14,025.15	16,595.68	96,573.48	0.00	21,831.00	21,831.00	21,831.00	21,831.00	21,828.84	109,152.84	205,726.32
8. Reflective Roof	19,115.15	10,156.06	14,925.87	11,227.91	15,859.88	15,130.57	12,637.82	99,053.26	0.00	27,797.00	27,797.00	27,797.00	27,797.00	27,798.84	138,986.84	238,040.10
9. Variable Speed Pool Pump	15,132.69	7,518.43	10,290.12	13,390.31	9,211.45	9,900.32	9,366.34	74,809.66	0.00	4,275.00	4,275.00	4,275.00	4,275.00	4,274.00	21,374.00	96,183.66
10. Energy *Select* / Energy *Select LITE*	422,644.24	443,311.88	487,376.15	514,699.62	530,490.36	458,899.85	446,954.34	3,304,376.44	0.00	559,202.00	559,202.00	559,202.00	559,202.00	559,200.62	2,796,008.62	6,100,385.06
11. Self-Install Energy Efficiency	21,805.50	10,669.50	12,722.22	13,627.29	16,905.99	21,745.78	25,422.24	122,898.52	0.00	9,740.00	9,740.00	9,740.00	9,740.00	9,740.50	48,700.50	171,599.02
12. Refrigerator Recycling	4,004.68	(788.74)	1,002.79	888.11	748.01	817.36	807.47	7,479.68	0.00	427.00	427.00	427.00	427.00	429.00	2,137.00	9,616.68
Commercial / Industrial Conservation Programs:																
13. Commercial / Industrial Energy Audit	61,951.86	43,651.12	54,534.55	41,560.44	48,235.55	56,864.69	59,821.88	366,620.09	0.00	52,374.00	52,374.00	52,374.00	52,374.00	52,375.00	261,871.00	628,491.09
14. HVAC Retrocommissioning	1,543.25	2,591.80	2,238.27	3,243.91	2,274.35	3,762.62	2,321.59	17,975.79	0.00	2,568.00	2,568.00	2,568.00	2,568.00	2,568.00	12,840.00	30,815.79
15. Commercial Building Efficiency	60,022.53	122,120.13	59,764.24	72,282.66	41,511.32	103,818.89	64,870.13	524,389.90	0.00	44,948.00	44,948.00	44,948.00	44,948.00	44,946.00	224,738.00	749,127.90
16. HVAC Occupancy Sensor	1,588.56	1,716.31	1,904.10	2,078.08	1,736.40	1,021.50	665.52	10,710.47	0.00	611.00	611.00	611.00	611.00	611.26	3,055.26	13,765.73
17. High Efficiency Motors	2,180.21	913.70	1,208.10	1,091.27	4,348.99	1,046.13	869.31	11,657.71	0.00	666.00	666.00	666.00	666.00	667.00	3,331.00	14,988.71
18. Food Services	3,625.32	1,382.00	2,267.97	3,050.38	3,920.73	5,960.33	1,008.30	21,215.03	0.00	1,212.00	1,212.00	1,212.00	1,212.00	1,214.00	6,062.00	27,277.03
19. Commercial / Industrial Custom Incentive	4,990.25	278.08	641.12	894.73	827.59	824.27	1,009.51	9,465.55	0.00	1,352.00	1,352.00	1,352.00	1,352.00	1,353.00	6,761.00	16,226.55
Renewable Energy Plan:																
20. Renewable Energy Plan Common	11,338.36	11,101.31	10,837.25	11,435.67	10,065.67	9,044.16	10,644.40	74,466.82	0.00	10,638.00	10,638.00	10,638.00	10,638.00	10,639.00	53,191.00	127,657.82
21. Solar for Schools	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22,000.00	22,000.00	22,000.00	22,000.00	22,000.00	110,000.00	110,000.00
22. Solar Thermal Water Heating	(5,000.00)	3,000.00	1,000.00	2,000.00	2,000.00	2,000.00	1,000.00	6,000.00	0.00	2,600.00	2,600.00	2,600.00	2,600.00	2,600.00	13,000.00	19,000.00
23. Solar PV	0.00	0.00	50,000.00	210,000.00	134,960.00	58,400.00	30,000.00	483,360.00	0.00	5,328.00	5,328.00	5,328.00	5,328.00	5,328.00	26,640.00	510,000.00
24. Solar Thermal Water Heating for Low-Income	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	75,000.00	75,000.00
25. Residential Time of Use Rate Pilot (NEW)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36,250.00	36,250.00	36,250.00	36,250.00	36,250.00	181,250.00	181,250.00
26. Conservation Demonstration and Development:										5,158.00	5,158.00	5,158.00	5,158.00	5,157.00	25,789.00	61,893.54
a. UWF Best House	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
b. Azalea Trace Heat Pump Water Heater	3,330.90	5,181.80	5,421.41	(8,492.23)	0.00	459.73	111.70	6,013.31	0.00							
c. 10th Ave Hair Salon Heat Pump Water Htr	0.00	0.00	0.00	14,256.46	6,947.66	3,378.89	5,508.22	30,091.23	0.00							
27. Total All Programs	1,240,593.82	1,310,178.95	1,314,876.11	1,761,995.40	1,730,123.13	1,607,990.59	1,675,366.79	10,641,124.79	0.00	1,458,260.00	1,458,260.00	1,458,260.00	1,458,260.00	1,458,264.00	7,291,304.00	17,932,428.79
28. Less: Base Rate Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29. Net Recoverable Expenses	1,240,593.82	1,310,178.95	1,314,876.11	1,761,995.40	1,730,123.13	1,607,990.59	1,675,366.79	10,641,124.79	0.00	1,458,260.00	1,458,260.00	1,458,260.00	1,458,260.00	1,458,264.00	7,291,304.00	17,932,428.79

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
ESTIMATED TRUE-UP
For the Period: January, 2015 through December, 2015

Conservation Revenues	ACTUAL JAN	ACTUAL FEB	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ACTUAL JUNE	ACTUAL JULY	ESTIMATED AUGUST	ESTIMATED SEPTEMBER	ESTIMATED OCTOBER	ESTIMATED NOVEMBER	ESTIMATED DECEMBER	TOTAL
1. Energy *Select* Program Revenues	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Conservation Revenues	1,899,424.06	1,833,590.62	1,686,617.39	1,737,647.27	2,223,648.31	2,531,266.69	2,829,792.84	2,907,112.00	2,564,570.00	2,108,126.00	1,924,875.00	2,161,381.00	26,408,051.18
3. Total Revenues	1,899,424.06	1,833,590.62	1,686,617.39	1,737,647.27	2,223,648.31	2,531,266.69	2,829,792.84	2,907,112.00	2,564,570.00	2,108,126.00	1,924,875.00	2,161,381.00	26,408,051.18
4. Adjustment not Applicable to Period - Prior True Up	(267,058.00)	(267,064.00)	(267,064.00)	(267,064.00)	(267,064.00)	(267,064.00)	(267,064.00)	(267,064.00)	(267,064.00)	(267,064.00)	(267,064.00)	(267,064.00)	(3,204,762.00)
5. Conservation Revenues Applicable to Period	1,632,366.06	1,566,526.62	1,419,553.39	1,470,583.27	1,956,584.31	2,264,202.69	2,562,728.84	2,640,048.00	2,297,506.00	1,841,062.00	1,657,811.00	1,894,317.00	23,203,289.18
6. Conservation Expenses (Form C-3 Page 2 of 7)	1,240,593.82	1,310,178.95	1,314,876.11	1,761,995.40	1,730,123.13	1,607,990.59	1,675,366.79	1,458,260.00	1,458,260.00	1,458,260.00	1,458,260.00	1,458,264.00	17,932,428.79
7. True Up this Period (Line 5 minus Line 6)	391,772.24	256,347.67	104,677.28	(291,412.13)	226,461.18	656,212.10	887,362.05	1,181,788.00	839,246.00	382,802.00	199,551.00	436,053.00	5,270,860.39
8. Interest Provision this Period (C-3 Page 4 of 7, Line 10)	(192.89)	(136.47)	(95.73)	(68.92)	(57.87)	(11.97)	69.61	199.92	317.05	397.57	448.78	502.44	1,371.52
9. True Up & Interest Provision Beginning of Month	(2,644,124.73)	(1,985,487.38)	(1,462,212.18)	(1,090,566.63)	(1,114,763.19)	(621,208.27)	302,055.86	1,456,551.52	2,905,603.44	4,012,230.49	4,662,494.06	5,129,557.84	(2,644,124.73)
10. Prior True Up Collected or Refunded	267,058.00	267,064.00	267,064.00	267,064.00	267,064.00	267,064.00	267,064.00	267,064.00	267,064.00	267,064.00	267,064.00	267,064.00	3,204,762.00
10a Interest Adjustment				220.49	87.61								308.10
11. End of Period- Net True Up	(1,985,487.38)	(1,462,212.18)	(1,090,566.63)	(1,114,763.19)	(621,208.27)	302,055.86	1,456,551.52	2,905,603.44	4,012,230.49	4,662,494.06	5,129,557.84	5,833,177.28	5,833,177.28

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
INTEREST CALCULATION
For the Period: January, 2015 through December, 2015

Interest Provision	ACTUAL JAN	ACTUAL FEB	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ACTUAL JUNE	ACTUAL JULY	ESTIMATED AUGUST	ESTIMATED SEPTEMBER	ESTIMATED OCTOBER	ESTIMATED NOVEMBER	ESTIMATED DECEMBER	TOTAL
1. Beginning True up Amount	(2,644,124.73)	(1,985,487.38)	(1,462,212.18)	(1,090,566.63)	(1,114,763.19)	(621,208.27)	302,055.86	1,456,551.52	2,905,603.44	4,012,230.49	4,662,494.06	5,129,557.84	
2. Ending True up before Interest	(1,985,294.49)	(1,462,075.71)	(1,090,470.90)	(1,114,914.76)	(621,238.01)	302,067.83	1,456,481.91	2,905,403.52	4,011,913.44	4,662,096.49	5,129,109.06	5,832,674.84	
3. Total Beginning & Ending Balances	(4,629,419.22)	(3,447,563.09)	(2,552,683.08)	(2,205,481.39)	(1,736,001.20)	(319,140.44)	1,758,537.77	4,361,955.04	6,917,516.88	8,674,326.98	9,791,603.12	10,962,232.68	
4. Average True up Amount	(2,314,709.61)	(1,723,781.55)	(1,276,341.54)	(1,102,740.70)	(868,000.60)	(159,570.22)	879,268.89	2,180,977.52	3,458,758.44	4,337,163.49	4,895,801.56	5,481,116.34	
5. Interest Rate First Day Reporting Business Month	0.10	0.10	0.09	0.09	0.06	0.10	0.08	0.11	0.11	0.11	0.11	0.11	
6. Interest Rate First Day Subsequent Business Month	0.10	0.09	0.09	0.06	0.10	0.08	0.11	0.11	0.11	0.11	0.11	0.11	
7. Total of Lines 5 and 6	0.20	0.19	0.18	0.15	0.16	0.18	0.19	0.22	0.22	0.22	0.22	0.22	
8. Average Interest rate (50% of Line 7)	0.100	0.095	0.090	0.075	0.080	0.090	0.095	0.110	0.110	0.110	0.110	0.110	
9. Monthly Average Interest Rate Line 8 / 12 months	0.000083	0.000079	0.000075	0.000063	0.000067	0.000075	0.000079	0.000092	0.000092	0.000092	0.000092	0.000092	
10. Interest Provision (line 4 X 9)	(192.89)	(136.47)	(95.73)	(68.92)	(57.87)	(11.97)	69.61	199.92	317.05	397.57	448.78	502.44	1,371.52

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
Residential Energy Survey Displays
For the Period January, 2015 Through December, 2015

Line No.		Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1	Investments Added to Plant In Service		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	Depreciable Base	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	
3	Depreciation Expense (A)		164.46	164.46	164.46	164.46	164.46	164.46	164.46	164.46	164.46	164.46	164.46	164.46	1,973.52
4	Cumulative Plant in Service Additions	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	13,814.37	
5	Salvage, Cost of Removal and Retirement		-	-	-	-	-	-	-	-	-	-	-	-	
6	Less: Accumulated Depreciation	9,867.60	10,032.06	10,196.52	10,360.98	10,525.44	10,689.90	10,854.36	11,018.82	11,183.28	11,347.74	11,512.20	11,676.66	11,841.12	
7	Net Plant In Service (Line 4 - 6)	3,946.77	3,782.31	3,617.85	3,453.39	3,288.93	3,124.47	2,960.01	2,795.55	2,631.09	2,466.63	2,302.17	2,137.71	1,973.25	
8	Net Additions/Reductions to CWIP		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	CWIP Balance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	Inventory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11	Net Investment	3,946.77	3,782.31	3,617.85	3,453.39	3,288.93	3,124.47	2,960.01	2,795.55	2,631.09	2,466.63	2,302.17	2,137.71	1,973.25	
12	Average Net Investment		3,864.54	3,700.08	3,535.62	3,371.16	3,206.70	3,042.24	2,877.78	2,713.32	2,548.86	2,384.40	2,219.94	2,055.48	
13	Rate of Return / 12 (B)		0.006942	0.006942	0.006942	0.006942	0.006942	0.006942	0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	
14	Return Requirement on Average Net Investment		26.83	25.69	24.54	23.40	22.26	21.12	19.62	18.50	17.38	16.26	15.14	14.02	244.76
15	Property Tax		8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	9.00	107.67
16	Total Depreciation, Prop Taxes & Return (Line 3 + 14 + 15)		200.26	199.12	197.97	196.83	195.69	194.55	193.05	191.93	190.81	189.69	188.57	187.48	2,325.95

Notes:
(A) Displays are Seven year Property 1.1905% per month.
(B) Revenue Requirement Return (includes Income Taxes) is: Jan - Jun 8.3302%; Jul - Dec 8.1828%.

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
Thermal Imaging Tools
For the Period January, 2015 Through December, 2015

Line No.		Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1	Investments Added to Plant In Service		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	Depreciable Base	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	
3	Depreciation Expense (A)		543.49	543.49	543.49	543.49	543.49	543.49	543.49	543.49	543.49	543.49	543.49	543.49	6,521.88
4	Cumulative Plant in Service Additions	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	45,652.70	
5	Salvage, Cost of Removal and Retirement														
6	Less: Accumulated Depreciation	32,609.16	33,152.65	33,696.14	34,239.63	34,783.12	35,326.61	35,870.10	36,413.59	36,957.08	37,500.57	38,044.06	38,587.55	39,131.04	
7	Net Plant In Service (Line 4 - 6)	13,043.54	12,500.05	11,956.56	11,413.07	10,869.58	10,326.09	9,782.60	9,239.11	8,695.62	8,152.13	7,608.64	7,065.15	6,521.66	
8	Net Additions/Reductions to CWIP		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	CWIP Balance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	Inventory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11	Net Investment	13,043.54	12,500.05	11,956.56	11,413.07	10,869.58	10,326.09	9,782.60	9,239.11	8,695.62	8,152.13	7,608.64	7,065.15	6,521.66	
12	Average Net Investment		12,771.80	12,228.31	11,684.82	11,141.33	10,597.84	10,054.35	9,510.86	8,967.37	8,423.88	7,880.39	7,336.90	6,793.41	
13	Rate of Return / 12 (B)		0.006942	0.006942	0.006942	0.006942	0.006942	0.006942	0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	
14	Return Requirement on Average Net Investment		88.66	84.89	81.12	77.34	73.57	69.80	64.85	61.15	57.44	53.74	50.03	46.32	808.91
15	Property Tax		29.65	29.65	29.65	29.65	29.65	29.65	29.65	29.65	29.65	29.65	29.65	29.63	355.78
16	Total Depreciation, Prop Taxes & Return (Line 3 + 14 + 15)		661.80	658.03	654.26	650.48	646.71	642.94	637.99	634.29	630.58	626.88	623.17	619.44	7,686.57

Notes:
(A) Thermal Imaging Tools are Seven year Property 1.1905% per month.
(B) Revenue Requirement Return (includes Income Taxes) is: Jan - Jun 8.3302%; Jul - Dec 8.1828%.

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
ENERGY *SELECT*
For the Period January, 2015 Through December, 2015

Line No.		Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1	Investments Added to Plant In Service		261,439.70	8,603.93	72,702.51	120,383.83	39,519.28	(42,859.95)	215,348.67	161,015.00	145,157.00	129,444.00	113,596.00	113,659.00	
2	Depreciable Base	12,233,352.53	12,494,792.23	12,503,396.16	12,576,098.67	12,696,482.50	12,736,001.78	12,693,141.83	12,908,490.50	13,069,505.50	13,214,662.50	13,344,106.50	13,457,702.50	13,571,361.50	
3	Depreciation Expense (A)		28,136.71	28,738.02	28,757.81	28,925.03	29,201.91	29,292.80	29,194.23	29,689.53	30,059.86	30,393.72	30,691.44	30,952.72	354,033.78
4	Cumulative Plant in Service Additions	12,233,352.53	12,494,792.23	12,503,396.16	12,576,098.67	12,696,482.50	12,736,001.78	12,693,141.83	12,908,490.50	13,069,505.50	13,214,662.50	13,344,106.50	13,457,702.50	13,571,361.50	
5	Salvage, Cost of Removal and Retirement		10,931.94	(116,825.94)	(82,236.47)	(57,443.56)	(63,852.18)	(69,491.66)	(76,603.54)	(105,685.00)	(105,685.00)	(105,685.00)	(105,685.00)	(105,685.00)	
6	Less: Accumulated Depreciation	(7,002,632.07)	(6,963,563.42)	(7,051,651.34)	(7,105,130.00)	(7,133,648.53)	(7,168,298.80)	(7,208,497.66)	(7,255,906.97)	(7,331,902.44)	(7,407,527.58)	(7,482,818.86)	(7,557,812.42)	(7,632,544.70)	
7	Net Plant In Service (Line 4 - 6)	19,235,984.60	19,458,355.65	19,555,047.50	19,681,228.67	19,830,131.03	19,904,300.58	19,901,639.49	20,164,397.47	20,401,407.94	20,622,190.08	20,826,925.36	21,015,514.92	21,203,906.20	
8	Net Additions/Reductions to CWIP	75,000.00	(75,000.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	CWIP Balance	75,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	Inventory	863,556.06	1,180,709.69	1,328,065.97	1,234,824.01	1,271,568.57	1,321,315.82	1,497,996.81	1,596,353.30	743,524.00	1,056,129.00	861,823.00	677,682.00	505,129.00	
11	Net Investment	20,174,540.66	20,639,065.34	20,883,113.47	20,916,052.68	21,101,699.60	21,225,616.40	21,399,636.30	21,760,750.77	21,144,931.94	21,678,319.08	21,688,748.36	21,693,196.92	21,709,035.20	
12	Average Net Investment		20,406,803.00	20,761,089.41	20,899,583.08	21,008,876.14	21,163,658.00	21,312,626.35	21,580,193.54	21,452,841.36	21,411,625.51	21,683,533.72	21,690,972.64	21,701,116.06	
13	Rate of Return / 12 (B)		0.006942	0.006942	0.006942	0.006942	0.006942	0.006942	0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	
14	Return Requirement on Average Net Investment		141,664.03	144,123.48	145,084.91	145,843.62	146,918.11	147,952.25	147,155.34	146,286.93	146,005.87	147,860.02	147,910.74	147,979.91	1,754,785.21
15	Property Tax		9,022.74	9,022.74	9,022.74	9,022.74	9,022.74	9,022.74	9,022.74	9,022.74	9,022.74	9,022.74	9,022.74	9,022.70	108,272.84
16	Total Depreciation, Prop Taxes & Return (Line 3 + 14 + 15)		178,823.48	181,884.24	182,865.46	183,791.39	185,142.76	186,267.79	185,372.31	184,999.20	185,088.47	187,276.48	187,624.92	187,955.33	2,217,091.83

Notes:
(A) Energy *Select* Property Additions Depreciated at 2.8% per year.
(B) Revenue Requirement Return (includes Income Taxes) is: Jan - Jun 8.3302%; Jul - Dec 8.1828%.

GULF POWER COMPANY
CALCULATION OF CONSERVATION REVENUES
For the Period: August, 2015 Through December, 2015

	Month	Projected MWH Sales	Rate (Avg Cents/KWH)	Clause Revenue Net of Revenue Taxes ($)
1.	08/2015	1,158,165	0.25098407	2,906,809.64
2.	09/2015	1,023,514	0.25059474	2,564,872.23
3.	10/2015	844,279	0.24963815	2,107,642.47
4.	11/2015	770,775	0.24898331	1,919,101.08
5.	12/2015	862,199	0.24994005	2,154,980.59

Program Description and Progress

Program Title: Residential Energy Audit and Education

Program Description: This program is the primary educational program to help customers improve the energy efficiency of their new or existing home by providing energy conservation advice and information that encourages the implementation of efficiency measures and behaviors resulting in energy and utility bill savings.

Program Projections: Expenses of $2,737,311 are projected for this program in 2016 as detailed in Schedule C-2. In 2016, this program includes two measurable areas of focus:

- Energy Audit – During the recovery period, 8,400 participants are projected. A Gulf Power representative will conduct an on-site audit of a customer's home, or they may opt to participate in either a mail-in or on-line, interactive version of the audit. Regardless of the method, the customer is provided with specific recommendations including available incentives and other alternatives to facilitate implementation.
- School-based Awareness and Education – This program provides science-based energy-related curricula and training to science teachers in Gulf's service area. As a result of these efforts, during the recovery period, approximately 6,500 students will be reached.

Program Accomplishments: Year to date 2015, Gulf performed 4,381 energy audits compared to a year to date projection of 5,801 or 1,420 under the projection. Of these, 1,601 were online, 1,286 were on-site and 1,494 were new construction audits. The total projection for 2015 is 7,510 energy audits.

Gulf provided professional development in energy-related science and math for 46 elementary, middle and high school teachers who reach an estimated 5,900 students. These teachers received hands-on energy, efficiency and renewable energy classroom materials and curriculum. Another 30 teachers also received the classroom materials and curriculum. Gulf provided training of instructors in partnership with the FSU Panama City STEM institute's Summer Camp program that reached approximately 300 8th – 12th grade students. Estimated reach through all of these programs is nearly 6,500 students.

Gulf coordinated monthly activities with student energy teams at two schools, measuring energy use at the school and created a plan to use energy wisely at school and home.

Gulf continued to provide energy-related onsite and material support for two hands-on interactive science museums which each average 100 attendees daily throughout the year.

Program Fiscal Expenditures: Projected expenses for January through July 2015 were $1,643,563 compared to actual expenses of $1,154,052 resulting in a difference of $489,511 or 30% under budget.

Program Progress Summary: Since the approval of this program, Gulf Power has performed a total of 219,738 energy audits

Program Description and Progress

Program Title: Community Energy Saver Program

Program Description: This program assists low-income families with managing their energy costs. Through this program, qualifying customers receive the direct installation of conservation measures at no cost to them. The program also educates families on energy efficiency techniques and behavioral changes to help control their energy use and reduce their electricity expenses.

Program Projections: For the period January 2016 through December 2016, the Company expects to implement the efficiency measures included in this program for 2,500 eligible residential customers. Expenses of $663,915 are projected for this program in 2016 as detailed in Schedule C-2.

Program Accomplishments: Through July 2015, 1,534 of Gulf's customers received the measures included in this program, compared to a year to date projection of 875. The total projection for 2015 is 2,500 participants.

Program Fiscal Expenditures: Projected expenses for January through July 2015 were $497,695 compared to actual expenses of $447,990 resulting in a difference of $49,705 or 10% under budget.

Program Progress Summary: A total of 11,288 customers have received the efficiency measures included in the Community Energy Saver program since the program's launch in 2011.

Program Description and Progress

Program Title: Landlord/Renter Custom Incentive Program

Program Description: This program is designed to increase energy efficiency in the residential rental property sector. This program promotes the installation of various energy efficiency measures available through other programs, such as HVAC, insulation, windows, water heating, lighting, and appliances. Additional incentives will be included, as appropriate, to overcome the split-incentive barrier which exists in a landlord/renter situation. Moreover, this program promotes the installation of measures included in the Community Energy Saver Program by the landlord of multi-family properties. With the implementation of the 2015 DSM Plan, this program will be retitled the Residential Custom Incentive.

Program Projections: Due to the custom nature of this program, specific participant projections are not made for the period January 2016 through December 2016. Expenses of $50,000 are projected for this program in 2016 as detailed in Schedule C-2.

Program Accomplishments: As of July, no participants have enrolled during 2015 in this program. While there are no participants recorded this year, Gulf continues to work with customers in the rental property sector. These efforts have resulted in increased participation in other Conservation programs (i.e., HVAC, insulation, etc.) offered by the Company.

Program Fiscal Expenditures: Projected expenses for January through July 2015 were $67,123 compared to actual expenses of $39,725 resulting in a difference of $27,398 or 41% under budget.

Program Progress Summary: Since its launch in 2011, one customer enrollment has been recorded in the Landlord/Renter Custom Incentive program.

Program Description and Progress

Program Title: HVAC Efficiency Improvement Program

Program Description: This program is designed to increase energy efficiency and improve HVAC cooling system performance for new and existing homes. These efficiencies are realized through:

- HVAC maintenance
- Duct repair
- HVAC Quality Installation (New for the 2015 DSM Plan)
- HVAC early retirement (for inefficient systems) (This measure will not be continued in the 2015 DSM Plan.)
- HVAC upgrades (This measure will not be continued in the 2015 DSM Plan.)
- Retrofit of an electronically commutated motor (ECM) fan on existing HVAC systems (This measure will not be continued in the 2015 DSM Plan.)

Program Projections: Expenses of $831,984 are projected for this program in 2016 as detailed in Schedule C-2. For the period January 2016 through December 2016, the Company projects the following participation in this program:

Measure	Projected Participation
HVAC maintenance	1,200
Duct repair	500
HVAC Quality Installation	2,000

Program Accomplishments: Actual participation (through July 2015) and the 2015 year end projected participation are shown in the following table:

Measure	2015 YTD Actual Participation	2015 Year End Projection
HVAC maintenance	4,787	8,206
HVAC early retirement Tier One	783	895
HVAC early retirement Tier Two	571	653
HVAC early retirement Tier Three	29	33
HVAC upgrades Tier One	218	249
HVAC upgrades Tier Two	99	113
HVAC upgrades Tier Three	63	72
Duct repair	3,456	4,600
ECM Fan	0	0

Program Fiscal Expenditures: Projected expenses for January through July 2015 were $6,487,507 compared to actual expenses of $3,560,329 resulting in a difference of $2,927,178 or 45% under budget.

Program Progress Summary: Since its launch in 2011, the following participation has been achieved:

Measure	Program to Date Actual Participation
HVAC maintenance	30,847
HVAC early retirement Tier One	4,028
HVAC early retirement Tier Two	2,756
HVAC early retirement Tier Three	156
HVAC upgrades Tier One	1,027
HVAC upgrades Tier Two	638
HVAC upgrades Tier Three	381
Duct repair	19,614
ECM Fan	6

Program Description and Progress

Program Title: Residential Building Efficiency Program

Program Description: The Residential Building Efficiency Program is designed as an umbrella efficiency program for existing and new residential customers to encourage the installation of eligible equipment and materials as a means of reducing energy and demand. The goals of the program are to increase awareness and customer demand for energy saving measures; to increase availability and market penetration; and to contribute toward long-term energy savings and peak demand reductions.

- High Performance Windows
- Reflective Roof
- ENERGY STAR Window A/C

Program Projections: Expenses of $142,526 are projected for this program in 2016 as detailed in Schedule C-2. For the period January 2016 through December 2016, the Company projects the following participation in this program:

Measure	Projected Participation
High Performance Windows	350
Reflective Roof	150
ENERGY STAR Window A/C	200

Program Accomplishments: Actual participation (through July 2015) and the 2015 year end projected participation are shown in the following table:

Measure	2015 YTD Actual Participation	2015 Year End Projection
High Performance Windows	490	806
Reflective Roof	133	228
ENERGY STAR Window A/C	205	250

Program Fiscal Expenditures: Actual and projected expenses for January through July 2015 are reported for the individual measures listed above in the Schedule C-5 pages that follow.

Program Progress Summary: Since its launch in 2011, the following participation has been achieved:

Measure	Program to Date Actual Participation
High Performance Windows	4,080
Reflective Roof	1,006
ENERGY STAR Window A/C	716

Program Description and Progress

Program Title: Heat Pump Water Heater Program

Program Description: This program provides incentives directly to the customer for the installation of high-efficiency Heat Pump Water Heating equipment for domestic hot water production.

Program Projections: This program is not continued in the 2015 DSM Plan; therefore, no participation projections are made for 2016.

Program Accomplishments: During the period January – July 2015, 165 customers have participated in this program compared to a year to date projection of 700. The current projection for 2015 is 227 heat pump water heaters.

Program Fiscal Expenditures: Projected expenses for January through July 2015 were $290,922 compared to actual expenses of $108,122 resulting in a difference of $182,800 or 63% under budget.

Program Progress Summary: Since its launch in 2011, 3,819 customers have participated in this program.

Program Description and Progress

Program Title: Ceiling Insulation Program

Program Description: This program provides incentives to encourage customers to install high efficiency insulation or increase insulation in existing residential single-family and multi-family homes. The objective of this program is to reduce heat loss and heat gain from both conductive and convective means through increased insulation.

Program Projections: This program is not continued in the 2015 DSM Plan; therefore, no participation projections are made for 2016.

Program Accomplishments: During the period January-July 2015, 203 customers have participated in this program compared to a year to date projection of 292. The current projection for 2015 is 232 participants.

Program Fiscal Expenditures: Projected expenses for January through July 2015 were $175,361 compared to actual expenses of $63,750 resulting in a difference of $111,611 or 64% under budget. The actual expenses also reflect the adjustment as required by the 2014 Audit Finding.

Program Progress Summary: Since its launch in 2011, 2,157 customers have participated in this program.

Program Description and Progress

Program Title: High Performance Window Program

Program Description: This program provides incentives to install high-efficiency windows or window film in existing or new residential applications. The objective of the program is to reduce solar heat gain into a home which, in turn, leads to reduced HVAC loads and operating costs.

Program Projections: In the 2015 DSM Plan, this program will be included as a measure in the Residential Building Efficiency program.

Program Accomplishments: During the period January-July 2015, 490 customers have participated in this program compared to a year to date projection of 700. Of those, 430 were window replacements and 60 were window film. The current projection for 2015 is 737 window replacement participants and 69 window film participants.

Program Fiscal Expenditures: Projected expenses for January through July 2015 were $172,407 compared to actual expenses of $96,573 resulting in a difference of $75,834 or 44% under budget.

Program Progress Summary: Since its launch in 2011, 3,562 customers have installed high-efficiency windows and 518 customers have installed window film as part of this program.

Program Description and Progress

Program Title: Reflective Roof Program

Program Description: This program provides incentives to install ENERGY STAR qualified cool/reflective roofing products when constructing a new home or replacing the roof on an existing residence. The objective of this program is to significantly decrease the amount of heat that is transferred through roof assemblies and into vented attic spaces which, in turn, decreases the transfer of heat into the home's conditioned living area.

Program Projections: In the 2015 DSM Plan, this program will be included as a measure in the Residential Building Efficiency program.

Program Accomplishments: For the period January-July 2015, 133 customers have participated in this program compared to a year to date projection of 350. The current projection for 2015 is 228 participants.

Program Fiscal Expenditures: Projected expenses for January through July 2015 were $202,726 compared to actual expenses of $99,053 resulting in a difference of $103,673 or 51% under budget.

Program Progress Summary: Since its launch in 2011, 1,006 customers have participated in this program.

Program Description and Progress

Program Title: Variable Speed/Flow Pool Pump Program

Program Description: This program provides an incentive to encourage the installation of high-efficiency variable speed or variable flow pool pumping and control equipment in both new and existing residential applications. The objective of this program is to reduce the energy, demand, and cost associated with swimming pool operation.

Program Projections: This program is not continued in the 2015 DSM Plan; therefore, no participation projections are made for 2016.

Program Accomplishments: For the period January 2015 through July 2015, 152 customers have participated in this program compared to year to date projection of 233. The current projection for 2015 is 174 participants.

Program Fiscal Expenditures: Projected expenses for January through July 2015 were $123,773 compared to actual expenses of $74,810 resulting in a difference of $48,963 or 40% under budget.

Program Progress Summary: Since its launch in 2014, 6,291 customers have participated in this program.

Program Description and Progress

Program Title: Energy *Select*

Program Description: The overall program is designed to provide customers with a means of controlling their energy purchases by conveniently programming their heating and cooling systems and major appliances, such as electric water heaters and pool pumps, to respond automatically to prices that vary during the day and by season in relation to the Company's cost of producing or purchasing energy.

Program Projections: During the 2016 projection period, Gulf Power projects to have 1,600 net additions. The program expenses are expected to be $6,673,967 as detailed in Schedule C-2.

Program Accomplishments: For the period January through July 2015, 1,152 net new participants were added to the Energy *Select* program compared to a year to date projection of 933. The total projection for 2015 is 1,929 net new participants.

Program Fiscal Expenditures: Projected expenses for January through July 2015 were $3,770,128 compared to actual expenses of $3,304,376 resulting in a difference of $465,752 or 12% under budget.

Program Progress Summary: As of July 2015, there are 15,533 participating customers.

Program Description and Progress

Program Title: Self-Install Energy Efficiency Program

Program Description: This program promotes the purchase and installation of ENERGY STAR rated appliances and other self-installed energy saving measures for residential customers. The program focuses on increasing customer awareness of the benefits of energy efficient technologies and products through customer education and retail partnerships.

Program Projections: This program is not continued in the 2015 DSM Plan; therefore, no participation projections are made for 2016. In the 2015 DSM Plan, the ENERGY STAR Window A/C measure is incorporated into the new Residential Building Efficiency program.

Program Accomplishments: For the period January – July 2015, 1,485 customers have participated in the appliance measures. This total includes 596 ENERGY STAR Refrigerators, 33 ENERGY STAR Freezers, 205 ENERGY STAR Window A/Cs and 651 ENERGY STAR Clothes Washers. This compared to a year to date projection of 5,892 appliances. The current projection for 2015 is 2,040 appliances.

Program Fiscal Expenditures: Projected expenses for January through July 2015 were $289,442 compared to actual expenses of $122,899 resulting in a difference of $166,543 or 58% under budget.

Program Progress Summary: Since its launch in 2011, 13,991 customers have participated in the appliance measures, and 80,846 CFLs have been distributed as a part of this program.

Program Description and Progress

Program Title: Refrigerator Recycling Program

Program Description: This program is intended to eliminate inefficient or extraneous refrigerators in an environmentally safe manner and produce cost-effective long-term energy and peak demand savings in the residential sector. The objectives of the program are to increase customer awareness of the economic and environmental costs associated with running inefficient, older appliances in a household and to encourage their removal by providing eligible customers with free refrigerator and freezer pick-up services, along with a cash incentive.

Program Projections: This program is not continued in the 2015 DSM Plan; therefore, no participation projections are made for 2016.

Program Accomplishments: During the period January 2015 through July 2015, no customers have participated in this program. Due to low participation in previous years, Gulf's vendor for this program discontinued offering pick-up services and Gulf was unable to find an alternate provider during the program year. The current projection for 2015 is 0.

Program Fiscal Expenditures: Projected expenses for January through July 2015 were $103,397 compared to actual expenses of $7,480 resulting in a difference of $95,917 or 93% under budget.

Program Progress Summary: Since its launch in 2011, 3,764 customers have participated in this program.

Program Description and Progress

Program Title: Commercial/Industrial Audit

Program Description: This program is designed to provide professional advice to Gulf's existing commercial and industrial customers on how to reduce, and make the most efficient use of, energy. This program covers from the smallest commercial customer, requiring only a walk-through survey, to the use of computer programs which will simulate several design options for very large, energy-intensive customers. Customers may participate by requesting a basic Energy Analysis Audit (EAA) provided through either an on-site survey or a direct mail survey. A more comprehensive analysis can be provided by conducting a Technical Assistance Audit (TAA).

Program Projections: For the period January 2016 through December 2016, the Company expects to conduct 500 audits and incur expenses totaling $908,705.

Program Accomplishments: During the January 2015 through July 2015 period, actual results were 290 audits compared to a year to date projection of 350. The total projection for 2015 is 497 audits.

Program Fiscal Expenditures: Projected expenses for January through July 2015 were $520,453 compared to actual expenses of $366,620 resulting in a difference of $153,833 or 30% under budget.

Program Progress Summary: A total of 22,210 audits have been completed since the program's inception.

Program Description and Progress

Program Title: Commercial HVAC Retrocommissioning Program

Program Description: This program offers basic retrocommissioning at a reduced cost for qualifying installations of existing commercial and industrial customers. It is designed to diagnose the performance of the HVAC cooling unit(s) operating in commercial buildings with the support of an independent computerized quality control process and to make improvements to the system to bring it to full efficiency. This program includes air cooled and water cooled equipment – identified as A/C, heat pump, direct expansion (DX) or geothermal cooling and heating.

Program Projections: For the period January 2016 through December 2016, the Company expects 250 program participants. Expenses of $59,565 are projected for this program in 2016 as detailed in Schedule C-2.

Program Accomplishments: During the period January 2015 through July 2015, 17 customers have participated in this program compared to a year to date projection of 700. The current projection for 2015 is 29 participants.

Program Fiscal Expenditures: Projected expenses for January through July 2015 were $154,964 compared to actual expenses of $17,976 resulting in a difference of $136,988 or 88% under budget.

Program Progress Summary: Since its launch in 2011, 965 customers have participated in this program.

Program Description and Progress

Program Title: Commercial Building Efficiency Program

Program Description: This program is designed as an umbrella efficiency program for existing commercial and industrial customers to encourage the installation of eligible high-efficiency equipment as a means of reducing energy and demand. The goals of the program are to increase awareness and customer demand for high-efficiency, energy-saving equipment; increase availability and market penetration of energy efficient equipment; and contribute toward long-term energy savings and peak demand reductions. These goals will be accomplished through commercial geothermal heat pumps, ceiling/roof insulation, and reflective roofs. The following measures are not continued in the 2015 DSM Plan; HVAC efficiency upgrades, heat pump water heater installations, window film installation, interior lighting improvements and commercial occupancy sensors.

Program Projections: Expenses of $320,153 are projected for this program in 2016 as detailed in Schedule C-2.

For the period January 2016 through December 2016, the Company expects to implement the efficiency measures included in this program for:

Program	Annual Projections (2016)
Commercial Geothermal Heat Pump	125 tons of installed Geothermal HVAC
Ceiling/Roof Insulation	250,000 square feet of installed insulation
Commercial Reflective Roof	800,000 square feet of installed reflective roof

Program Accomplishments: During the period January – July 2015, the measures in this program have had the following participation as compared to year to date projected participation:

Program	Actual Participation (January - July 2015)	Projected YTD Participation (through July 2015)
Commercial HVAC	918 tons of installed HVAC	350 tons of installed HVAC
Commercial Geothermal Heat Pump	0 tons of installed Geothermal HVAC	146 tons of installed Geothermal HVAC
Heat Pump Water Heater	0 installations	1 installation
Ceiling/Roof Insulation	8,511 square feet of installed insulation	78,353 square feet of installed insulation
Window Film	618 square feet of installed window film	23,189 square feet of installed window film
Commercial Interior Lighting	1,476 kW of lighting reduction	108 kW of lighting reduction
Commercial Occupancy Sensor	0 installed sensors	438 installed sensors
Commercial Reflective Roof	171,266 square feet of installed reflective roof	291,667 square feet of installed reflective roof

Program Fiscal Expenditures: Projected expenses for January through July 2015 were $658,060 compared to actual expenses of $524,390 resulting in a difference of $133,670 or 20% under budget. Total projection for 2015 is as follows:

Program	Annual Projections (2015)
Commercial HVAC	1,049 tons of installed HVAC
Commercial Geothermal Heat Pump	60 tons of installed Geothermal HVAC
Heat Pump Water Heater	0 installation
Ceiling/Roof Insulation	14,590 square feet of installed insulation
Window Film	706 square feet of installed window film
Commercial Interior Lighting	1,687 kW of lighting reduction
Commercial Occupancy Sensor	0 installed sensors
Commercial Reflective Roof	293,599 square feet of installed reflective roof

Program Progress Summary: Since its launch in 2011, customer participation is shown in the table below.

Program	Actual Participation (Program to Date)
Commercial HVAC	6,948 tons of installed HVAC
Commercial Geothermal Heat Pump	491 tons of installed Geothermal HVAC
Heat Pump Water Heater	3 installations
Ceiling/Roof Insulation	306,897 square feet of installed insulation
Window Film	34,408 square feet of installed window film
Commercial Interior Lighting	6,524 kW of lighting reduction
Commercial Occupancy Sensor	9,778 installed sensors
Commercial Reflective Roof	2,945,858 square feet of installed reflective roof

Program Description and Progress

Program Title: HVAC Occupancy Sensor

Program Description: This program is intended to help manage energy consumption and reduce energy waste in hotel rooms by providing hotel owners in Gulf Power's service area the opportunity to automatically control temperature settings in hotel rooms when the rooms are unoccupied.

Program Projections: This program is not continued in the 2015 DSM Plan; therefore, no participation projections are made for 2016.

Program Accomplishments: For the period January 2015 through July 2015, 0 participants have enrolled in this program. The current projection for 2015 is 0 participants.

Program Fiscal Expenditures: Projected expenses for January through July 2015 were $21,740 compared to actual expenses of $10,710 resulting in a difference of $11,030 or 51% under budget.

Program Progress Summary: Since its launch in 2011, there are 5,814 sensors installed as part of the HVAC Occupancy Sensor program.

Program Description and Progress

Program Title: High Efficiency Motor Program

Program Description: This program is designed to encourage commercial and industrial customers to install premium-efficiency motors in new or existing facilities. The objective is to reduce demand and energy associated with electric motors by encouraging the replacement of worn out, inefficient motors with high efficiency motors.

Program Projections: This program is not continued in the 2015 DSM Plan; therefore, no participation projections are made for 2016.

Program Accomplishments: During the period January – July 2015, 623 HP of energy efficient motors were installed compared to a year to date projection of 2,523 HP. The current projection for 2015 is 712 HP of energy efficient motors.

Program Fiscal Expenditures: Projected expenses for January through July 2015 were $56,272 compared to actual expenses of $11,658 resulting in a difference of $44,614 or 79% under budget.

Program Progress Summary: Since its launch in 2011, 5,146 HP of energy efficient motors were installed through participation in the High Efficiency Motor program.

Program Description and Progress

Program Title: Food Service Efficiency Program

Program Description: This program encourages the installation of ENERGY STAR qualified or equivalent energy efficient commercial and industrial food service equipment. The objectives of the program are to reduce energy consumption and demand, as well as operating costs for the customer through the use of qualified food service equipment including convection ovens, fryers, griddles, steamers, holding cabinets and ice machines.

Program Projections: This program is not continued in the 2015 DSM Plan; therefore, no participation projections are made for 2016.

Program Accomplishments: From January 2015 through July 2015, 25 customers have participated in this program compared to a year to date projection of 20. Participation is broken down as follows: 12 fryers, 1 griddle and 12 ice machines. The total projection for 2015 is 29 units.

Program Fiscal Expenditures: Projected expenses for January through July 2015 were $40,436 compared to actual expenses of $21,215 resulting in a difference of $19,221 or 48% under budget.

Program Progress Summary: Since its launch in 2011, 100 customers have participated in the Food Service Efficiency program.

Program Description and Progress

Program Title: Commercial/Industrial Custom Incentive

Program Description: This program is designed to establish the capability and process to offer advanced energy services and energy efficient end-user equipment to Commercial/Industrial customers. These energy services include comprehensive audits, design, and construction of energy conservation projects. Specifically, projects covered under this program would be demand reduction or efficiency improvement retrofits that are beyond the scope of other programs.

Program Projections: For the period January 2016 through December 2016, the Company expects at the meter reductions of 100,000 kWh, 33 winter kW and 33 summer kW resulting from this program. Expenses of $52,748 are projected for this program in 2016 as detailed in Schedule C-2.

Program Accomplishments: From January 2015 through July 2015, 0 customers have participated in this program.

Program Fiscal Expenditures: Projected expenses for January 2015through July 2015 were $63,983 compared to actual expenses of $9,466 resulting in a difference of $54,517 or 85% under budget.

Program Progress Summary: Since its launch in 2011, 15 customers have participated in the Commercial/Industrial Custom Incentive program resulting in at the meter kWh reductions of 7,070,333, winter kW reductions of 741 and summer kW reductions of 1,151.

Program Description and Progress

Program Title: Renewable Energy

Program Description: The Renewable Energy Program promotes the deployment of demand-side renewable technologies through a portfolio of four programs. These programs include providing capital to supplement deployment of Solar Photovoltaic (PV) systems up to 10 kW in public education facilities (Solar for Schools), offering PV rebates and solar thermal water heating (STWH) rebates to customers installing qualifying systems, and facilitating the installation of STWH systems in low-income housing units.

Program Projections: This program is not continued in the 2015 DSM Plan; therefore, no participation projections are made for 2016.

Program Accomplishments: Through July 2015, the following participation has occurred in this program:

- Solar for Schools – Gulf is in the process of finalizing the installation of one 10kW solar PV system at a public education facility served by Gulf Power. Installation is scheduled to be completed by September 2015.
- Solar PV (residential and commercial) – 49 customers completed the installation of a qualifying solar PV system and received an incentive. There are 3 additional customers pending completion of the incentive process.
- Solar Thermal Water Heating – 8 customers completed the installation of a qualifying solar thermal water heating system and received an incentive. There are 6 additional customers pending completion of the incentive process.
- Solar Thermal Water Heating for Low Income – Gulf is facilitating the installation of 13 qualifying solar thermal water heating systems in low-income residential housing units for 2015. The program will provide the full installation cost for the installations in residences owned and managed by the Escambia County Area Housing Commission. Installations are projected to be completed September 2015.

Program Fiscal Expenditures: Projected expenses for January through July 2015 were $658,940 compared to actual expenses of $563,827 resulting in a difference of $95,113 or 14% under budget.

Program Progress Summary: Since its launch in 2011, the following participation has occurred:

Measure	Program Participation (Program to Date)
Solar for Schools	2 PV Systems Installed
Solar PV (Residential and Commercial)	231 PV Systems Installed
Solar Thermal Water Heater (STWH)	113 STWH Systems Installed
Solar Thermal Water Heater for Low Income	44 STWH Systems Installed

Program Description and Progress

Program Title: Residential Service Time of Use Pilot Program

Program Description: The Residential Service Time of Use (RSTOU) rate pilot will provide residential customers the opportunity to use customer-owned equipment to respond automatically and take advantage of a variable pricing structure with a critical peak credit component. In order to control program expenses and facilitate monitoring and evaluation, the pilot will be offered to a group of approximately 400 residential customers who meet the program standards. Gulf Power's current offering, Energy Select, is a company-owned interactive energy management system that allows residential customers to program their central heating and cooling system, electric water heater, and pool pump to automatically respond to varying prices of electricity depending on the time of day, day of week and season. The Energy Select program is very successful in achieving demand response results through use of the critical peak price tier and the associated energy management equipment. With the increased availability of Wi-Fi enabled thermostats in the marketplace, Gulf believes that demand response results can be achieved utilizing customer-owned equipment with the capability of automatic response to a critical peak notification. In order to further encourage customers to utilize a qualifying Wi-Fi enabled thermostat, the RSTOU pilot will offer customers a per event credit for allowing their thermostat to automatically reduce the HVAC equipment load during a critical event period. This option puts the customer in complete control of their energy purchase without utility owned equipment. The objective of this pilot is to measure customer's response to a variable price rate with customer owned equipment. Customers will have the ability to save money by shifting energy purchase to the lower priced periods, while providing peak demand reduction during the high and critical periods.

Program Projections: For the period January 2016 through December 2016, the Company projects $159,500 in expenses for this program as detailed in Schedule C-2.

Program Accomplishments: This pilot is a new program included in the 2015 DSM Plan and will begin Fall 2015.

Program Fiscal Expenditures: This pilot is a new program included in the 2015 DSM Plan and will begin Fall 2015.

Program Progress Summary: This pilot is a new program included in the 2015 DSM Plan and will begin Fall 2015.

Program Description and Progress

Program Title: Conservation Demonstration and Development

Program Description: A package of conservation programs was approved by the FPSC in Order No. 23561 for Gulf Power Company to explore and to pursue research, development, and demonstration projects designed to promote energy efficiency and conservation. This program serves as an umbrella program for the identification, development, demonstration and evaluation of new or emerging end-use technologies.

Program Accomplishments:

UWF BEST House

Gulf Power has entered into a partnership, along with a number of other donors, with the University of West Florida, located in Pensacola, Florida, to help build the BEST (Build Educate Sustain Technology) House. This is a demonstration house that will be used as an educational tool and resource for Northwest Florida.

Previously, the BEST House program's intent was to provide a home featuring energy-efficient, sustainable design techniques available to the median homebuilder and buyer of today. The 3,300 square foot, three-bedroom home was to be a study model featuring passive solar collectors, grey-water and rainwater collection systems, advanced insulation systems, a geothermal heat pump, whole-house ventilation, energy-efficient appliances and lighting, day-lighting, and sustainable building products.

Initially, construction of the BEST House was delayed due to general economic conditions affecting sponsor support and permitting requirements. The project team was finally able to hold a kick-off meeting during the summer of 2011 and agreed to move forward with a modified plan. While the intent of the project remains the same, the house as originally planned will not be constructed. The new, modified plan involves the retrofit of an existing building on UWF's site. In the approximately 3800 sq. ft. building, Gulf anticipates showcasing similar features such as passive solar collectors, grey-water and rainwater collection systems, advanced insulation systems, a High SEER conventional and Variable Refrigerant Flow (VRF) heat pump, whole-house ventilation, energy-efficient appliances and lighting, day-lighting, and sustainable building products.

The modified house, now known as The Community Outreach, Research and Education (C.O.R.E.) Initiative, will be used as a center to explain and demonstrate the advantages of retrofitting existing homes for energy efficiency. The C.O.R.E. initiative is committed to improving construction education at the University of West Florida (UWF) and in the greater Pensacola, Florida

community. The C.O.R.E facility is a multipurpose facility: a research lab, a trade demonstration area, a construction yard, and an interactive, energy efficiency and demonstration showcase. The C.O.R.E. facility will promote energy efficient construction through the innovative display of cutting-edge technology and through community outreach and participation. The lab will be made available to students, industry professionals and the general public.

The facility will accommodate a research initiative in an effort to measure the efficacy of different building technologies and installations. The C.O.R.E initiative is particularly focused on the metering and measurement of sealed attic spaces, roof types, walls forms, windows, water heaters, HVAC equipment, renewable energy and controls systems. The construction yard and demonstration area would provide a similar opportunity for materials research and community seminars.

Gulf Power is acting as the primary Energy Consultant to all end uses and new technologies that will continue to be donated to this project. Gulf Power will pay for the purchase, installation and monitoring of equipment that will provide data on a wide variety of energy and water end uses.

All participants remain optimistic and enthusiastic about the completion and potential contributions of this project. This project is expected to be in place and active by the end of 2015.

Azalea Trace Project

The purpose of this project is to test the application of a Heat Pump Water Heater in an assisted living facility. The project includes the installation of a commercial size Heat Pump Water Heater (4-ton heating capacity), two119 gallon storage tanks and distribution duct work. The HPWH unit will provide preheated water (140 degrees F) to the existing natural gas boilers. In turn, the boilers will feed the existing 350 gallon storage tank supplying hot water to the washers.

The project will provide a database for the application of the HPWH in this type facility. No data is on record within Gulf Power for the HPWH application in an assisted living facility. The laundry operates 24-hours a day, 7-days a week. The data will be used to promote energy efficient production of hot water, off-set the installation of additional air conditioning units and provide a better climatic working environment for the employees.

The sole customer will be Azalea Trace Assisted Living facility. Currently the heated water is produced by two natural gas boilers. The first phase of monitoring will be to record the existing natural gas required to supply hot water. This will be identified as the “as-built” system. Further monitoring will include measuring the effect the HPWH system has on the boilers’ fuel usage.

The "as-built" system currently heats the water to 140 degrees (F). This also will be accomplished with the application of the HPWH. The HPWH will either supply the total amount of hot water required or provide additional stored 140-degee (F) water to two 119 gallon storage tanks. The HPWH will also supply pre-heated water to the boiler during peak water usage. This feature will allow the existing boilers to reduce their natural gas consumption and work more efficiently. After the heat pump water heater is installed, monitoring will continue on the boilers to determine this reduction. Additional monitoring points will be: water flow (GPM), energy (kWh of HPWH), and the amount of air conditioning (BTUH) it provides as a by-product.

The values of the data recorded will be used to calculate the system amount of "free" A/C cooling, the effect on the amount of natural gas used by the boilers, the electrical usage of the HPWH and the overall energy efficiency of the system.

The data will illustrate the efficient use of a dual fuel application in a large commercial, 24-hour operating facility for the first time in Gulf's service area.

The project will be monitored for at least one year and the results will be reported to the commission by the end of 2015.

10th Ave North Hair Salon Heat Pump Water Heater Project (HPWH)
This project will be used to determine if a residential HPWH can be used successfully in small commercial applications with high usage. As part of this project, a residential HPWH will be installed and metered in a high water use commercial facility to determine the performance, reliability and economic return on investment. Gulf is partnering with General Electric (GE) for this project. Two 50 gallon HPWH's will be installed with an Energy Factor of 2.4, which GE has agreed to warranty as part of this project.

This project will be monitored for at least one year, and the results will be reported to the commission by end of 2016.

Program Fiscal Expenditures: Program expenses were forecasted at $145,913 for the period January through July 2015 compared to actual expenses of $36,104 for a deviation of $109,809 or 75% under budget. Actual project expenses were as follows: UWF BEST House, $0; Azalea Trace Heat Pump Water Heater, $6,013; Hair Salon Heat Pump Water Heater Project, $30,091.

RESIDENTIAL SERVICE
2016 Variable Pricing (RSVP) and Time of Use (RSTOU) Rates
Cents Per KWH

ECCR

Rate Tier	RSVP
P4	56.374
P3	5.672
P2	(1.672)
P1	(3.000)

Rate Tier	RSTOU
On-Peak	17.000
Off-Peak	(3.096)

FPSC DOCKET NO. 150002-EG
DUKE ENERGY FLORIDA
WITNESS: LORI J. CROSS
EXHIBIT NO. 1 (LJC-1T)
SCHEDULE CT-1
PAGE 1 OF 1
May 5, 2015

DUKE ENERGY FLORIDA

ENERGY CONSERVATION ADJUSTED NET TRUE-UP
FOR THE PERIOD JANUARY 2014 - DECEMBER 2014

LINE NO.			
1	**ACTUAL END OF PERIOD TRUE-UP (OVER) / UNDER RECOVERY**		
2	BEGINNING BALANCE	($1,379,080)	
3	PRINCIPAL (CT 3, PAGE 2 of 3)	(24,435,271)	
4	INTEREST (CT 3, PAGE 2 of 3)	(8,359)	
5	PRIOR TRUE-UP REFUND	1,379,080	
6	ADJUSTMENTS	0	($24,443,630)
7	**LESS: ESTIMATED TRUE-UP FROM SEPTEMBER 2014**		
8	**PROJECTION FILING (OVER) / UNDER RECOVERY**		
9	BEGINNING BALANCE	($1,379,080)	
10	PRINCIPAL	(23,827,042)	
11	INTEREST	(6,731)	
12	PRIOR TRUE-UP REFUND	1,379,080	
13	ADJUSTMENTS	0	($23,833,773)
14	VARIANCE TO PROJECTION		($609,857)

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 150002-EG EXHIBIT: 10
PARTY: DUKE ENERGY FLORIDA, LLC (DEF) – DIRECT
DESCRIPTION: Lori J. Cross LJC-1T

DUKE ENERGY FLORIDA

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS
ACTUAL VS. ESTIMATED
FOR THE PERIOD JANUARY 2014 - DECEMBER 2014

LINE NO.	PROGRAM	ACTUAL	ESTIMATED	DIFFERENCE
1	DEPRECIATION AMORT. & RETURN	11,583,040	11,993,398	(410,359)
2	PAYROLL AND BENEFITS	15,967,808	15,181,518	786,290
3	MATERIALS AND SUPPLIES	1,213,131	1,073,747	139,384
4	OUTSIDE SERVICES	4,988,165	5,064,970	(76,805)
5	ADVERTISING	957,606	3,668,576	(2,710,970)
6	INCENTIVES	71,094,135	70,598,130	496,005
7	VEHICLES	356,246	137,289	218,957
7	OTHER	873,204	1,192,248	(319,044)
8	PROGRAM REVENUES	0	0	0
9	TOTAL PROGRAM COSTS	107,033,335	108,909,877	(1,876,542)
11	LESS:			
12	CONSERVATION CLAUSE REVENUES	130,089,526	131,357,839	(1,268,313)
13	PRIOR TRUE-UP	1,379,080	1,379,080	(0)
14	TRUE-UP BEFORE INTEREST	(24,435,271)	(23,827,042)	(608,228)
15	AUDIT & REV DECOUPLING ADJUSTMENT			
16	INTEREST PROVISION	(8,359)	(6,731)	(1,628)
17	END OF PERIOD TRUE-UP	(24,443,630)	(23,833,773)	(609,857)

( ) REFLECTS OVERRECOVERY

DUKE ENERGY FLORIDA

ACTUAL ENERGY CONSERVATION PROGRAM COSTS PER PROGRAM
FOR THE PERIOD JANUARY 2014 - DECEMBER 2014

LINE NO.	PROGRAM	DEPRECIATION AMORTIZATION & RETURN	PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER	SUB-TOTAL	PROGRAM REVENUES (CREDIT)	TOTAL
1	HOME ENERGY CHECK	3,715	3,329,057	94,903	93,117	139,981	(48,111)	0	53,207	3,665,868	0	3,665,868
2	RESIDENTIAL NEW CONSTRUCTION	0	792,241	11,556	34,470	3,802	67,103	4,083,102	34,629	5,026,903	0	5,026,903
3	HOME ENERGY IMPROVEMENT	7,765	1,385,105	29,439	26,386	3,481	514,997	3,428,290	184,232	5,579,695	0	5,579,695
4	BUSINESS ENERGY CHECK	20,033	605,021	18,723	61,218	6,532	17,744	0	17,956	747,227	0	747,227
5	BETTER BUSINESS	11,486	1,684,634	3,395	55,394	33	20,838	1,566,170	(15,794)	3,326,157	0	3,326,157
6	COMM / IND NEW CONSTRUCTION	0	350,381	389	18,244	0	6,743	264,675	8,956	649,389	0	649,389
7	TECHNOLOGY DEVELOPMENT	2,831	174,920	3,917	394,182	125,997	0	0	11,982	713,828	0	713,828
8	SOLAR WATER HEATING W/EM	0	23,770	0	114	2	916	159,201	1,419	185,422	0	185,422
9	RESEARCH AND DEMONSTRATION	0	13,606	400	251,260	34,135	0	0	506	299,907	0	299,907
10	SOLAR WATER HEAT LOW INCOME RES	0	9,539	268	68	2	0	125,589	1,358	136,823	0	136,823
11	PHOTOVOLTAIC FOR SCHOOLS PILOT	0	30,735	0	1,934	2,406	0	1,620,360	2,383	1,657,819	0	1,657,819
12	RESIDENTIAL SOLAR PHOTOVOLTAIC	0	75,359	260	1,265	2	(7)	1,954,799	12,457	2,044,136	0	2,044,136
13	COMMERCIAL SOLAR PHOTOVOLTAIC	0	12,789	0	232	2	0	1,083,983	1,513	1,098,518	0	1,098,518
14	INNOVATION INCENTIVE	0	24,707	0	0	2	0	20,944	464	46,117	0	46,117
15	INTERRUPT LOAD MANAGEMENT	25,023	88,845	1,171	7,049	46	0	26,657,991	4,768	26,784,894	0	26,784,894
16	CURTAIL LOAD MANAGEMENT	0	211	0	17,745	0	324	1,152,224	(679)	1,169,825	0	1,169,825
17	RESIDENTIAL LOAD MANAGEMENT	11,400,437	3,867,519	25,404	3,188,117	719,247	36,006	21,858,633	68,200	41,163,563	0	41,163,563
18	COMMMERCIAL LOAD MANAGEMENT	0	35,477	0	1,050	0	0	602,497	0	639,025	0	639,025
19	LOW INCOME	0	126,368	261	852	0	26,565	66,002	869	220,915	0	220,915
20	STANDBY GENERATION	104,742	194,088	6,840	35,604	73,918	0	5,519,187	15,645	5,950,024	0	5,950,024
21	QUALIFYING FACILITY	0	785,879	6,644	37,429	1,147	0	0	16,541	847,640	0	847,640
22	RENEWABLE ENERGY SAVER	0	0	0	0	0	0	0	0	0	0	0
23	NEIGHBORHOOD ENERGY SAVER	0	216,282	1,377	84,470	9,421	80,234	930,489	35,302	1,357,575	0	1,357,575
24	CONSERVATION PROGRAM ADMIN	7,007	2,141,273	151,299	677,963	92,977	234,256	0	417,291	3,722,065	0	3,722,065
25	TOTAL ALL PROGRAMS	11,583,040	15,967,808	356,246	4,988,165	1,213,131	957,606	71,094,135	873,204	107,033,335	0	107,033,335

**CERTAIN SCHEDULES MAY NOT FOOT/CROSSFOOT DUE TO ROUNDING OF DECIMALS IN FILES.

DUKE ENERGY FLORIDA

VARIANCE IN ENERGY CONSERVATION PROGRAM COSTS
12 MONTHS ACTUAL VERSUS 12 MONTHS ESTIMATED

LINE NO.	PROGRAM	DEPRECIATION AMORTIZATION & RETURN	PAYROLL & BENEFITS	VEHICLES	MATERIALS & SUPPLIES	OUTSIDE SERVICES	ADVERTISING	INCENTIVES	OTHER	SUB-TOTAL	PROGRAM REVENUES (CREDIT)	TOTAL
1	HOME ENERGY CHECK	(228)	(49,218)	94,903	29,707	(47,994)	(1,970,111)	0	(71,471)	(2,014,413)	0	(2,014,413)
2	RESIDENTIAL NEW CONSTRUCTION	0	(11,860)	11,556	11,957	(72)	8,146	516,048	(4,244)	531,532	0	531,532
3	HOME ENERGY IMPROVEMENT	0	189,341	29,439	12,512	391	(594,007)	577,212	145,737	360,626	0	360,626
4	BUSINESS ENERGY CHECK	(6)	147,083	18,723	(74,377)	1,539	(19,142)	0	(24,634)	49,186	0	49,186
5	BETTER BUSINESS	0	702,587	3,395	(88,450)	180	(13,468)	277,597	(40,176)	841,667	0	841,667
6	COMM / IND NEW CONSTRUCTION	0	(86,465)	389	(94,509)	0	(4,322)	(118,402)	(3,249)	(306,557)	0	(306,557)
7	TECHNOLOGY DEVELOPMENT	0	(230,349)	3,917	101,864	92,541	0	0	(55,630)	(87,658)	0	(87,658)
8	SOLAR WATER HEATING W/EM	0	2,621	0	40	2	916	20,813	(63)	24,329	0	24,329
9	RESEARCH AND DEMONSTRATION	0	(2,652)	400	(18,141)	437	0	0	506	(19,450)	0	(19,450)
10	SOLAR WATER HEAT LOW INCOME RES	0	2,088	268	68	2	0	18,045	(125)	20,345	0	20,345
11	PHOTOVOLTAIC FOR SCHOOLS PILOT	0	17,123	0	(1,791)	(2,403)	(2,000)	(879,640)	884	(867,828)	0	(867,828)
12	RESIDENTIAL SOLAR PHOTOVOLTAIC	0	(7,453)	260	(514)	2	(556)	54,799	(6,695)	39,843	0	39,843
13	COMMERCIAL SOLAR PHOTOVOLTAIC	0	2,364	0	130	2	0	(216,018)	(167)	(213,689)	0	(213,689)
14	INNOVATION INCENTIVE	0	(402)	0	(12,000)	2	0	(19,056)	464	(30,992)	0	(30,992)
15	INTERRUPT LOAD MANAGEMENT	(3,282)	(4,955)	1,068	(2,976)	6	0	(695,512)	(72)	(705,723)	0	(705,723)
16	CURTAIL LOAD MANAGEMENT	0	211	0	53,911	0	324	(19,808)	(679)	33,959	0	33,959
17	RESIDENTIAL LOAD MANAGEMENT	(406,530)	1,669,950	25,348	(48,478)	136,555	(7,964)	884,465	(227,410)	2,025,936	0	2,025,936
18	COMMMERCIAL LOAD MANAGEMENT	0	35,032	0	(1,050)	0	0	95,683	0	129,665	0	129,665
19	LOW INCOME	0	(9,292)	261	(535)	0	(3,950)	(33,956)	(8,631)	(56,103)	0	(56,103)
20	STANDBY GENERATION	(312)	(2,447)	6,840	7,186	(31,760)	0	54,249	(2,920)	30,834	0	30,834
21	QUALIFYING FACILITY	0	(193,807)	6,644	(2,824)	(5,036)	0	0	(8,410)	(203,433)	0	(203,433)
22	RENEWABLE ENERGY SAVER	0	0	0	0	0	0	0	0	0	0	0
23	NEIGHBORHOOD ENERGY SAVER	0	(19,836)	1,377	78,941	(25,216)	9,219	(20,511)	4,099	28,074	0	28,074
24	CONSERVATION PROGRAM ADMIN	(1)	(1,363,375)	14,168	(27,474)	20,206	(114,057)	0	(16,157)	(1,486,690)	0	(1,486,690)
25	TOTAL ALL PROGRAMS	(410,358)	786,290	218,957	(76,805)	139,384	(2,710,970)	496,005	(319,044)	(1,876,542)	0	(1,876,542)

DUKE ENERGY FLORIDA

PROJECTED ENERGY CONSERVATION PROGRAM COSTS PER PROGRAM
FOR THE PERIOD JANUARY 2014 - DECEMBER 2014

LINE NO.	PROGRAM	DEPRECIATION AMORTIZATION & RETURN	PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER	SUB-TOTAL	PROGRAM REVENUES (CREDIT)	TOTAL
1	HOME ENERGY CHECK	3,943	3,378,274	0	63,410	187,975	1,922,000	0	124,678	5,680,281	0	5,680,281
2	RESIDENTIAL NEW CONSTRUCTION	0	804,101	0	22,513	3,874	58,957	3,567,054	38,872	4,495,371	0	4,495,371
3	HOME ENERGY IMPROVEMENT	7,765	1,195,765	0	13,874	3,089	1,109,003	2,851,078	38,495	5,219,069	0	5,219,069
4	BUSINESS ENERGY CHECK	20,039	457,938	0	135,595	4,993	36,885	0	42,590	698,040	0	698,040
5	BETTER BUSINESS	11,486	982,048	0	143,844	(147)	34,306	1,288,573	24,382	2,484,491	0	2,484,491
6	COMM / IND NEW CONSTRUCTION	0	436,846	0	112,753	0	11,064	383,077	12,205	955,945	0	955,945
7	TECHNOLOGY DEVELOPMENT	2,831	405,269	0	292,318	33,456	0	0	67,612	801,486	0	801,486
8	SOLAR WATER HEATING WITH EM	0	21,148	0	74	0	0	138,388	1,482	161,093	0	161,093
9	RESEARCH AND DEMONSTRATION	0	16,258	0	269,401	33,697	0	0	0	319,357	0	319,357
10	SOLAR WATER HEAT LOW INCOME RES	0	7,452	0	0	0	0	107,544	1,482	116,478	0	116,478
11	PHOTOVOLTAIC FOR SCHOOLS	0	13,612	0	3,726	4,810	2,000	2,500,000	1,499	2,525,646	0	2,525,646
12	RESIDENTIAL SOLAR PHOTOVOLTAIC	0	82,812	0	1,779	0	549	1,900,001	19,153	2,004,293	0	2,004,293
13	COMMERCIAL SOLAR PHOTOVOLTAIC	0	10,424	0	102	0	0	1,300,001	1,680	1,312,207	0	1,312,207
14	INNOVATION INCENTIVE	0	25,109	0	12,000	0	0	40,000	0	77,109	0	77,109
15	INTERRUPT LOAD MANAGEMENT	28,305	93,801	103	10,025	40	0	27,353,504	4,840	27,490,617	0	27,490,617
16	CURTAIL LOAD MANAGEMENT	0	(0)	0	(36,166)	0	0	1,172,032	0	1,135,866	0	1,135,866
17	RESIDENTIAL LOAD MANAGEMENT	11,806,967	2,197,569	56	3,236,596	582,692	43,969	20,974,168	295,609	39,137,627	0	39,137,627
18	COMMMERCIAL LOAD MANAGEMENT	0	446	0	2,100	0	0	506,814	0	509,360	0	509,360
19	LOW INCOME	0	135,659	0	1,387	0	30,515	99,957	9,500	277,019	0	277,019
20	STANDBY GENERATION	105,054	196,536	0	28,418	105,678	0	5,464,939	18,565	5,919,190	0	5,919,190
21	QUALIFYING FACILITY	0	979,686	0	40,253	6,183	0	0	24,951	1,051,074	0	1,051,074
22	RENEWABLE ENERGY SAVER	0	0	0	0	0	0	0	0	0	0	0
23	NEIGHBORHOOD ENERGY SAVER	0	236,118	0	5,530	34,637	71,015	951,000	31,203	1,329,501	0	1,329,501
24	CONSERVATION PROGRAM ADMIN	7,008	3,504,648	137,131	705,437	72,771	348,313	0	433,448	5,208,755	0	5,208,755
25	TOTAL ALL PROGRAMS	11,993,398	15,181,518	137,289	5,064,970	1,073,747	3,668,576	70,598,130	1,192,248	108,909,877	0	108,909,877

**CERTAIN SCHEDULES MAY NOT FOOT/CROSSFOOT DUE TO ROUNDING OF DECIMALS IN FILES.

DUKE ENERGY FLORIDA

ACTUAL CONSERVATION PROGRAM COSTS BY MONTH
FOR THE PERIOD JANUARY 2014 - DECEMBER 2014

LINE NO.	PROGRAM TITLE	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1	HOME ENERGY CHECK	134,462	545,378	391,284	280,855	336,493	106,492	363,143	349,754	328,891	386,552	220,275	222,288	3,665,868
2	RESIDENTIAL NEW CONSTRUCTION	181,013	964,206	153,413	414,866	524,426	554,087	353,024	341,255	387,336	266,260	368,503	518,514	5,026,903
3	HOME ENERGY IMPROVEMENT	296,680	452,801	346,589	410,844	715,332	512,867	455,413	543,938	546,842	465,971	495,364	337,054	5,579,695
4	BUSINESS ENERGY CHECK	3,678	183,474	38,765	22,956	56,048	52,677	83,619	52,723	54,790	83,007	57,522	57,967	747,227
5	BETTER BUSINESS	10,964	464,642	273,110	248,923	288,734	237,330	282,962	274,909	352,700	343,187	273,637	275,059	3,326,157
6	COMM / IND NEW CONSTRUCTION	(16,089)	100,627	61,172	64,036	47,530	64,245	85,774	53,267	65,205	44,967	47,061	31,594	649,389
7	TECHNOLOGY DEVELOPMENT	(79,379)	106,749	(75,115)	59,988	13,825	64,351	14,317	129,966	37,907	48,467	52,684	340,070	713,828
8	SOLAR WATER HEATING W/EM	16,393	21,703	4,920	8,167	17,068	12,328	7,751	17,694	23,735	20,158	23,680	11,823	185,422
9	RESEARCH AND DEMONSTRATION	1,571	38,887	2,899	0	0	0	0	394	1,571	2,003	2,075	250,506	299,907
10	SOLAR WATER HEAT LOW INCOME RES	(10,800)	3,326	42,749	2,959	7,447	11,038	(29,131)	38,695	9,481	20,944	7,490	32,626	136,823
11	PHOTOVOLTAIC FOR SCHOOLS PILOT	(520,113)	522,199	889,458	2,488	4,471	2,884	1,512	6,307	3,432	36,970	3,403	704,807	1,657,819
12	RESIDENTIAL SOLAR PHOTOVOLTAIC	(174,345)	247,914	660,994	494,422	300,549	130,261	93,796	79,327	158,021	25,637	23,203	4,356	2,044,136
13	COMMERCIAL SOLAR PHOTOVOLTAIC	(39,560)	39,784	28,405	133,689	258,581	261,447	166,088	201,991	21,541	24,103	1,042	1,407	1,098,518
14	INNOVATION INCENTIVE	0	12,944	5,352	3,193	514	2,327	5,708	4,736	1,914	2,203	1,683	5,543	46,117
15	INTERRUPT LOAD MANAGEMENT	2,484,015	2,472,358	2,400,700	2,071,256	2,203,647	2,111,633	2,098,282	2,123,728	2,026,128	2,374,426	2,265,355	2,153,365	26,784,894
16	CURTAIL LOAD MANAGEMENT	113,215	120,663	96,723	106,601	105,229	50,167	113,116	100,132	90,732	101,842	163,405	7,999	1,169,825
17	RESIDENTIAL LOAD MANAGEMENT	3,690,353	4,439,756	3,097,099	2,672,514	2,763,531	3,235,078	3,407,921	3,712,690	3,276,107	2,787,382	3,188,053	4,893,080	41,163,563
18	COMMMERCIAL LOAD MANAGEMENT	466,835	(401,649)	53,299	42,329	48,963	55,591	32,662	80,093	47,317	51,951	90,280	71,355	639,025
19	LOW INCOME	0	40,386	12,606	16,212	29,214	15,071	20,539	25,110	19,496	22,311	11,180	8,791	220,915
20	STANDBY GENERATION	9,507	937,692	477,786	534,909	498,701	504,840	505,545	501,060	495,660	494,425	487,977	501,922	5,950,024
21	QUALIFYING FACILITY	2,564	464	345	150	647,713	67,946	488,265	(351,454)	(256,235)	129,034	59,161	59,687	847,640
22	RENEWABLE ENERGY SAVER	0	0	0	0	0	0	0	0	0	0	0	0	0
23	NEIGHBORHOOD ENERGY SAVER	112,376	65,909	107,746	27,969	30,723	21,537	461,601	182,810	92,044	66,886	83,473	104,499	1,357,575
24	CONSERVATION PROGRAM ADMIN	(10,463)	872,813	453,959	460,450	(208,925)	266,289	(13,689)	462,362	564,191	240,732	309,581	324,765	3,722,065
25	TOTAL ALL PROGRAMS	6,672,875	12,253,025	9,524,259	8,079,775	8,689,818	8,340,487	8,998,216	8,931,490	8,348,808	8,039,417	8,236,088	10,919,077	107,033,335
26														
27	LESS: BASE RATE RECOVERY	0	0	0	0	0	0	0	0	0	0	0	0	0
28														
29	NET RECOVERABLE (CT-3,PAGE 2)	6,672,875	12,253,025	9,524,259	8,079,775	8,689,818	8,340,487	8,998,216	8,931,490	8,348,808	8,039,417	8,236,088	10,919,077	107,033,335

* GROSS EXPENDITURES ONLY. AUDIT PROGRAM REVENUES ARE ACCOUNTED FOR IN CALCULATION OF TRUE-UP SCHEDULE CT-3, PAGE 2 OF 3.

** CERTAIN SCHEDULES MAY NOT FOOT/CROSSFOOT DUE TO ROUNDING OF DECIMALS IN FILE.

DUKE ENERGY FLORIDA

ENERGY CONSERVATION ADJUSTMENT
CALCULATION OF TRUE-UP
FOR THE PERIOD JANUARY 2014 - DECEMBER 2014

LINE NO.			January	February	March	April	May	June	July	August	September	October	November	December	Total for The Period
1	OTHER CONSERVATION REVENUES		0	0	0	0	0	0	0	0	0	0	0	0	0
2	CONSERVATION CLAUSE REVENUES		9,388,696	10,758,987	9,176,623	9,005,697	10,288,310	11,744,971	12,527,785	13,757,025	12,966,551	11,062,937	9,995,745	9,416,199	130,089,526
3	TOTAL REVENUES		9,388,696	10,758,987	9,176,623	9,005,697	10,288,310	11,744,971	12,527,785	13,757,025	12,966,551	11,062,937	9,995,745	9,416,199	130,089,526
4	PRIOR PERIOD TRUE-UP OVER/(UNDER)	(1,379,080)	114,923	114,923	114,923	114,923	114,923	114,923	114,923	114,923	114,923	114,923	114,923	114,923	1,379,080
5	CONSERVATION REVENUES APPLICABLE TO PERIOD		9,503,619	10,873,911	9,291,546	9,120,620	10,403,233	11,859,895	12,642,708	13,871,949	13,081,474	11,177,860	10,110,668	9,531,122	131,468,606
6	CONSERVATION EXPENSES (CT-3,PAGE 1, LINE 29)		6,672,875	12,253,025	9,524,259	8,079,775	8,689,818	8,340,487	8,998,216	8,931,490	8,348,808	8,039,417	8,236,088	10,919,077	107,033,335
7	TRUE-UP THIS PERIOD (O)/U		(2,830,744)	1,379,115	232,713	(1,040,846)	(1,713,415)	(3,519,408)	(3,644,492)	(4,940,459)	(4,732,667)	(3,138,443)	(1,874,580)	1,387,955	(24,435,271)
8	CURRENT PERIOD INTEREST		(148)	(195)	(142)	(170)	(249)	(351)	(497)	(824)	(1,100)	(1,228)	(1,566)	(1,889)	(8,359)
9	ADJUSTMENTS PER AUDIT		0	0	0	0	0	0	0	0	0	0	0	0	0
10	TRUE-UP & INTEREST PROVISIONS BEGINNING OF PERIOD (O)/U		(1,379,080)	(4,095,049)	(2,601,206)	(2,253,712)	(3,179,804)	(4,778,545)	(8,183,381)	(11,713,446)	(16,539,806)	(21,158,649)	(24,183,397)	(25,944,620)	(1,379,080)
11	PRIOR TRUE-UP REFUNDED/ (COLLECTED)		114,923	114,923	114,923	114,923	114,923	114,923	114,923	114,923	114,923	114,923	114,923	114,923	1,379,080
12	END OF PERIOD NET TRUE-UP		(4,095,049)	(2,601,206)	(2,253,712)	(3,179,804)	(4,778,545)	(8,183,381)	(11,713,446.49)	(16,539,806)	(21,158,649)	(24,183,397)	(25,944,620)	(24,443,630)	(24,443,630)

** CERTAIN SCHEDULES MAY NOT FOOT/CROSSFOOT DUE TO ROUNDING OF DECIMALS IN FILE.

DUKE ENERGY FLORIDA

CALCULATION OF INTEREST PROVISION
FOR THE PERIOD JANUARY 2014 - DECEMBER 2014

LINE NO.		January	February	March	April	May	June	July	August	September	October	November	December	Total for The Period
1	BEGINNING TRUE-UP AMOUNT (CT-3,PAGE 2, LINE 9 & 10)	(1,379,080)	(4,095,049)	(2,601,206)	(2,253,712)	(3,179,804)	(4,778,545)	(8,183,381)	(11,713,446)	(16,539,806)	(21,158,649)	(24,183,397)	(25,944,620)	
2	ENDING TRUE-UP AMOUNT BEFORE INTEREST	(4,094,901)	(2,601,011)	(2,253,570)	(3,179,634)	(4,778,296)	(8,183,030)	(11,712,949)	(16,538,982)	(21,157,549)	(24,182,169)	(25,943,054)	(24,441,741)	
3	TOTAL BEGINNING & ENDING TRUE-UP	(5,473,981)	(6,696,060)	(4,854,776)	(5,433,346)	(7,958,100)	(12,961,575)	(19,896,330)	(28,252,429)	(37,697,355)	(45,340,818)	(50,126,450)	(50,386,360)	
4	AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(2,736,990)	(3,348,030)	(2,427,388)	(2,716,673)	(3,979,050)	(6,480,787)	(9,948,165)	(14,126,214)	(18,848,678)	(22,670,409)	(25,063,225)	(25,193,180)	
5	INTEREST RATE: FIRST DAY REPORTING BUSINESS MONTH	0.06%	0.07%	0.07%	0.07%	0.08%	0.07%	0.06%	0.06%	0.08%	0.06%	0.07%	0.08%	
6	INTEREST RATE: FIRST DAY SUBSEQUENT BUSINESS MONTH	0.07%	0.07%	0.07%	0.08%	0.07%	0.06%	0.06%	0.08%	0.06%	0.07%	0.08%	0.10%	
7	TOTAL (LINE 5 AND LINE 6)	0.13%	0.14%	0.14%	0.15%	0.15%	0.13%	0.12%	0.14%	0.14%	0.13%	0.15%	0.18%	
8	AVERAGE INTEREST RATE (50% OF LINE 7)	0.07%	0.07%	0.07%	0.08%	0.08%	0.07%	0.06%	0.07%	0.07%	0.07%	0.08%	0.09%	
9	INTEREST PROVISION (LINE 4 * LINE 8) / 12	(148)	(195)	(142)	(170)	(249)	(351)	(497)	(824)	(1,100)	(1,228)	(1,566)	(1,889)	(8,359)

** CERTAIN SCHEDULES MAY NOT FOOT/CROSSFOOT DUE TO ROUNDING OF DECIMALS IN FILE.

DUKE ENERGY FLORIDA
CONSERVATION ACCOUNT NUMBERS
FOR THE PERIOD JANUARY 2014 THROUGH DECEMBER 2014

LINE	ACCOUNT	PRODUCT	PROGRAM TITLE
1	0908000	NRBBUS	BETTER BUSINESS
1	0909000	NRBBUS	BETTER BUSINESS advertising
1	0403000	NRBBUS	BETTER BUSINESS equipment depreciation
2	0908000	NEWCON	RESIDENTIAL NEW CONSTRUCTION
2	0909000	NEWCON	RESIDENTIAL NEW CONSTRUCTION advertising
3	0908000	SSHEI	HOME ENERGY IMPROVEMENT
3	0909000	SSHEI	HOME ENERGY IMPROVEMENT advertising
3	0403000	SSHEI	HOME ENERGY IMPROVEMENT equipment depreciation
4	0908000	NRBNC	COMM / IND NEW CONSTRUCTION
4	0909000	NRBNC	COMM / IND NEW CONSTRUCTION advertising
5	0908000	HEHC	HOME ENERGY CHECK
5	0909000	HEHC	HOME ENERGY CHECK advertising
5	0403000	HEHC	HOME ENERGY CHECK equipment depreciation
6	0908000	WZELEC	LOW INCOME WEATHERIZATION ASST
6	0909000	WZELEC	LOW INCOME WEATHERIZATION ASST advertising
7	0908000	SOWHRD	RENEWABLE ENERGY SAVER
8	0908000	HWLI	NEIGHBORHOOD ENERGY SAVER
8	0909000	HWLI	NEIGHBORHOOD ENERGY SAVER advertising
9	0908000	NRAOS	BUSINESS ENERGY CHECK
9	0909000	NRAOS	BUSINESS ENERGY CHECK advertising
9	0403000	NRAOS	BUSINESS ENERGY CHECK equipment depreciation
10	0908000	PPCOGN	QUALIFYING FACILITY
10	0908000	PPCOGN	QUALIFYING FACILITY - COGEN contract maintenance
11	0908000	NRPRSC	INNOVATION INCENTIVE
12	0908000	TECDEV	TECHNOLOGY DEVELOPMENT
12	0908000	TECDEV	TECHNOLOGY DEVELOPMENT Energy Efficiency Research
12	0403002	TECDEV	TECHNOLOGY DEVELOPMENT equipment depreciation
13	0908000	STBGEN	STANDBY GENERATION
13	0403000	STBGEN	STANDBY GENERATION equipment depreciation
14	0908000	IRRSVC	INTERRUPTIBLE SERVICE
14	0403000	IRRSVC	INTERRUPTIBLE SERVICE equipment depreciation
15	0908000	PWRSHR	CURTAILABLE SERVICE
15	0909000	PWRSHR	CURTAILABLE SERVICE advertising

DUKE ENERGY FLORIDA
CONSERVATION ACCOUNT NUMBERS
FOR THE PERIOD JANUARY 2014 THROUGH DECEMBER 2014

LINE	ACCOUNT	PRODUCT	PROGRAM TITLE
16	0908000	PWRMGR	ENERGY MANAGEMENT-RESIDENTIAL
16	0908002	PWRMGR	ENERGY MANAGEMENT-RESIDENTIAL amortization of load mgmt switches
16	0909000	PWRMGR	ENERGY MANAGEMENT-RESIDENTIAL advertising
16	0403000	PWRMGR	ENERGY MANAGEMENT-RESIDENTIAL equipment depreciation
16	0908000	20078837	Other accounts included with Energy Management - Residential (SG DLC Switch Uplift)
16	0909000	20078837	Other accounts included with Energy Management - Residential (SG DLC Switch Uplift)
16	0908000	20078851	Other accounts included with Energy Management - Residential (PEF NAN-AMI)
16	0908000	20078944	Other accounts included with Energy Management - Residential (PEF ODS)
16	0908000	20078945	Other accounts included with Energy Management - Residential (NAN Telecom)
16	0908000	20079302	Other accounts included with Energy Management - Residential (NAN APP DEV)
16	0908000	20088588	Other accounts included with Energy Management - Residential (PEF LMS)
16	0908000	20091753	Other accounts included with Energy Management - Residential (PEF Pole Make Ready)
16	0908000	20091844	Other accounts included with Energy Management - Residential (NAN Telecom S1)
16	0908000	20091884	Other accounts included with Energy Management - Residential (NAN Telecom S4)
16	0908000	20091885	Other accounts included with Energy Management - Residential (NAN Telecom S5)
16	0908000	20091886	Other accounts included with Energy Management - Residential (NAN Telecom S6)
16	0908000	20091887	Other accounts included with Energy Management - Residential (NAN Telecom S7)
16	0908000	20091888	Other accounts included with Energy Management - Residential (NAN Telecom S8)
16	0908000	20092701	Other accounts included with Energy Management - Residential (PEF LLC Telecom)
16	0908000	20103953	Other accounts included with Energy Management - Residential (DEF PLAN B RDR)
16	0908000	20103955	Other accounts included with Energy Management - Residential (PEF PLAN B LMS)
16	0908000	20103959	Other accounts included with Energy Management - Residential (PEF PLAN B DLC TELECOM)
16	0908000	SGFRDRPSO	Other accounts included with Energy Management - Residential (SG DEF RDR Pre Scale Deployment)
16	0908000	SGFRDRSSO	Other accounts included with Energy Management - Residential (SG DEF RDR Switch Selection)
16	0908000	PWRMGR	Other accounts included with Energy Management - Residential (Switch installation)
17	0908000	COMLM	ENERGY MANAGEMENT-COMMERCIAL
18	0908000	NOPROD	CONSERVATION PROGRAM ADMIN
18	0909000	NOPROD	CONSERVATION PROGRAM ADMIN advertising
18	0403000	NOPROD	CONSERVATION PROGRAM ADMIN equipment depreciation
18	0908000	NOPROD	Other accounts included with Conservation Program Admin (ECCR Maintenance)
18	0908000	NOPROD	Other accounts included with Conservation Program Admin (ECCR Planning)
19	0908000	PVWHEM	Solar Water Heating w/EM
19	0909000	PVWHEM	Solar Water Heating w/EM advertising
20	0908000	DSMRD	Research & Demonstration
21	0908000	PVWHLI	Solar Water Heat Low Income Res Cust
22	0908000	PVSCHP	Photovoltaic for Schools Pilot
23	0908000	PVRES	Residential Solar Photovoltaic
23	0909000	PVRES	Residential Solar Photovoltaic advertising
23	0908000	PVRES	Residential Solar Photovoltaic - CSS Input
24	0908000	PV	Commercial Solar Photovoltaic

DUKE ENERGY FLORIDA

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2014 - DECEMBER 2014

LINE NO.		BEGINNING BALANCE	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1	**ENERGY CONSERVATION ADMIN**														
2	INVESTMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
3	RETIREMENTS		0	0	0	2,394	0	0	0	0	0	0	0	0	2,394
4	DEPRECIATION BASE		33,760	33,760	33,760	32,563	31,366	31,366	31,366	31,366	31,366	31,366	31,366	31,366	
5															
6	DEPRECIATION EXPENSE		563	563	563	543	523	523	523	523	523	523	523	523	6,416
7															
8	CUMM. NET INVEST	33,760	33,760	33,760	33,760	31,366	31,366	31,366	31,366	31,366	31,366	31,366	31,366	31,366	31,366
9	LESS: ACC. NET DEPR	24,768	25,331	25,894	26,457	24,606	25,129	25,652	26,175	26,698	27,221	27,744	28,267	28,790	28,790
10	NET INVESTMENT	8,992	8,429	7,866	7,303	6,760	6,237	5,714	5,191	4,668	4,145	3,622	3,099	2,576	2,576
11	AVERAGE INVESTMENT		8,710	8,147	7,584	7,031	6,498	5,975	5,452	4,929	4,406	3,883	3,360	2,837	
12	RETURN ON AVG INVEST		52	49	46	42	39	36	32	29	26	22	20	17	410
13															
14	RETURN REQUIREMENTS		75	70	66	60	56	52	46	42	38	32	29	25	591
15															
16	PROGRAM TOTAL		638	633	629	603	579	575	569	565	561	555	552	548	7,007
17															
18	**INTERRUPTIBLE SERVICE**														
19	INVESTMENTS		0	7,153	0	0	0	0	0	0	0	0	0	0	7,153
20	RETIREMENTS		0	0	0	67,559	0	496	0	0	6,008	0	0	6,629	80,693
21	DEPRECIATION BASE		152,912	156,488	160,065	126,285	92,505	92,257	92,009	92,009	89,005	86,001	86,001	82,687	
22															
23	DEPRECIATION EXPENSE		2,549	2,608	2,668	2,105	1,542	1,538	1,533	1,533	1,483	1,433	1,433	1,378	21,803
24															
25	CUMM. NET INVEST	152,912	152,912	160,065	160,065	92,505	92,505	92,009	92,009	92,009	86,001	86,001	86,001	79,372	79,372
26	LESS: ACC. NET DEPR	115,667	118,216	120,824	123,492	58,038	59,580	60,622	62,155	63,688	59,162	60,595	62,028	56,777	56,777
27	NET INVESTMENT	37,245	34,696	39,241	36,573	34,468	32,926	31,388	29,855	28,322	26,839	25,406	23,973	22,595	22,595
28	AVERAGE INVESTMENT		35,970	36,968	37,907	35,520	33,697	32,157	30,621	29,088	27,580	26,122	24,689	23,284	
29	RETURN ON AVG INVEST		217	223	229	215	203	194	181	171	163	155	146	138	2,235
30															
31	RETURN REQUIREMENTS		311	320	328	308	291	278	263	248	236	225	212	200	3,220
32															
33	PROGRAM TOTAL		2,860	2,928	2,996	2,413	1,833	1,816	1,796	1,781	1,719	1,658	1,645	1,578	25,023
34															
35	**BUSINESS ENERGY CHECK**														
36	INVESTMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
37	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
38	DEPRECIATION BASE		72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	
39															
40	DEPRECIATION EXPENSE		1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	14,496
41															
42	CUMM. NET INVEST	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499
43	LESS: ACC. NET DEPR	11,698	12,906	14,114	15,322	16,530	17,738	18,946	20,154	21,362	22,570	23,778	24,986	26,194	26,194
44	NET INVESTMENT	60,801	59,593	58,385	57,177	55,969	54,761	53,553	52,345	51,137	49,929	48,721	47,513	46,305	46,305
44	AVERAGE INVESTMENT		60,197	58,989	57,781	56,573	55,365	54,157	52,949	51,741	50,533	49,325	48,117	46,909	
45	RETURN ON AVG INVEST		364	357	349	342	335	328	312	305	298	291	284	277	3,842
46															
47	RETURN REQUIREMENTS		522	511	500	490	480	470	453	443	432	422	412	402	5,537
48															
49	PROGRAM TOTAL		1,730	1,719	1,708	1,698	1,688	1,678	1,661	1,651	1,640	1,630	1,620	1,610	20,033

NOTE:
- JAN-JUN RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.25% BASED ON MAY 2013 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- JUL-DEC RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.08% BASED ON MAY 2014 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

DUKE ENERGY FLORIDA

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2014 - DECEMBER 2014

LINE NO.		BEGINNING BALANCE	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1	**HOME ENERGY CHECK**														
2	INVESTMENTS		0	0	0	0	0	0	0	0	0	82,462	0	0	82,462
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE		0	0	0	0	0	0	0	0	0	41,231	82,462	82,462	
5															
6	DEPRECIATION EXPENSE		0	0	0	0	0	0	0	0	0	0	983	983	1,966
7															
8	CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	0	82,462	82,462	82,462	82,462
9	LESS: ACC. NET DEPR	0	0	0	0	0	0	0	0	0	0	0	983	1,966	1,966
10	NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	82,462	81,479	80,496	80,496
11	AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	41,231	81,970	80,987	
12	RETURN ON AVG INVEST		0	0	0	0	0	0	0	0	0	244	484	478	1,206
13															
14	RETURN REQUIREMENTS		0	0	0	0	0	0	0	0	0	354	702	693	1,749
15															
16	PROGRAM TOTAL		0	0	0	0	0	0	0	0	0	354	1,685	1,676	3,715
17															
18	**HOME ENERGY IMPROVEMENT**														
19	INVESTMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
20	RETIREMENTS		0	0	0	12,614	12,227	0	0	0	0	0	0	0	24,841
21	DEPRECIATION BASE		53,624	53,624	53,624	47,317	34,897	28,783	28,783	28,783	28,783	28,783	28,783	28,783	
22															
23	DEPRECIATION EXPENSE		894	894	894	789	582	480	480	480	480	480	480	480	7,413
24															
25	CUMM. NET INVEST	53,624	53,624	53,624	53,624	41,010	28,783	28,783	28,783	28,783	28,783	28,783	28,783	28,783	28,783
26	LESS: ACC. NET DEPR	45,945	46,839	47,733	48,627	36,802	25,157	25,637	26,117	26,597	27,077	27,557	28,037	28,517	28,517
27	NET INVESTMENT	7,680	6,786	5,892	4,998	4,209	3,627	3,147	2,667	2,187	1,707	1,227	747	267	267
28	AVERAGE INVESTMENT		7,233	6,339	5,445	4,603	3,918	3,387	2,907	2,427	1,947	1,467	987	507	
29	RETURN ON AVG INVEST		44	38	33	28	23	20	17	14	11	8	6	3	245
30															
31	RETURN REQUIREMENTS		63	54	47	40	33	29	25	20	16	12	9	4	352
32															
33	PROGRAM TOTAL		957	948	941	829	615	509	505	500	496	492	489	484	7,765
34															
35	**LOAD MANAGEMENT SWITCHES**														
36	INVESTMENTS		22,015	38,298	20,119	34,719	44,892	55,407	21,054	89,890	24,267	73,394	24,668	19,943	468,666
37	RETIREMENTS		585,774	451,377	839,558	314,397	813,877	547,467	517,896	432,254	317,015	276,226	101,901	117,345	5,315,090
38	INVESTMENTS BOOKED TO CWIP		(44,305)	28,500	30,803	6,796	2,266	170	0	0	0	0	2,408	(531,074)	(504,436)
39	CLOSING TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	
40	DEPRECIATION BASE		11,816,235	11,327,815	10,711,556	10,161,998	9,637,666	9,007,143	8,512,693	8,093,090	7,775,534	7,527,743	7,387,710	7,300,392	
41															
42	AMORTIZATION EXPENSE		196,938	188,797	178,526	169,367	160,628	150,119	141,879	134,885	129,592	125,463	123,129	121,673	1,820,996
43															
44	CUMM. NET INVEST	12,098,115	11,534,355	11,121,276	10,301,837	10,022,159	9,253,173	8,761,113	8,264,272	7,921,908	7,629,160	7,426,327	7,349,093	7,251,691	7,251,691
45	LESS: ACC. NET DEPR	8,260,184	7,871,347	7,608,767	6,947,735	6,802,705	6,149,455	5,752,107	5,376,090	5,078,721	4,891,298	4,740,535	4,761,762	4,766,090	4,766,090
46	CUMM. CWIP	8,346,907	8,302,602	8,331,101	8,361,904	8,368,700	8,370,967	8,371,137	8,371,137	8,371,137	8,371,137	8,371,137	8,373,545	7,842,472	7,842,472
47	NET INVESTMENT	12,184,838	11,965,609	11,843,610	11,716,006	11,588,155	11,474,685	11,380,143	11,259,318	11,214,323	11,108,999	11,056,929	10,960,877	10,328,072	10,328,072
48	AVERAGE INVESTMENT		12,075,224	11,904,610	11,779,808	11,652,080	11,531,420	11,427,414	11,319,730	11,236,821	11,161,661	11,082,964	11,008,903	10,644,474	
49	RETURN ON AVG INVEST		72,955	71,924	71,170	70,399	69,669	69,041	66,787	66,297	65,854	65,390	64,953	62,802	817,241
50															
51	RETURN REQUIREMENTS		104,552	103,075	101,994	100,889	99,843	98,943	96,881	96,170	95,528	94,855	94,220	91,100	1,178,050
52															
53	PROGRAM TOTAL		301,490	291,872	280,520	270,256	260,471	249,062	238,760	231,055	225,120	220,318	217,349	212,773	2,999,046

NOTE:
- JAN-JUN RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.25% BASED ON MAY 2013 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- JUL-DEC RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.08% BASED ON MAY 2014 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

DUKE ENERGY FLORIDA

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2014 - DECEMBER 2014

LINE NO.		BEGINNING BALANCE	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1	**TECHNOLOGY DEVELOPMENT**														
2	INVESTMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE		13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247	
5															
6	DEPRECIATION EXPENSE		221	221	221	221	221	221	221	221	221	221	221	221	2,652
7															
8	CUMM. NET INVEST	13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247
9	LESS: ACC. NET DEPR	10,196	10,417	10,638	10,859	11,080	11,301	11,522	11,743	11,964	12,185	12,406	12,627	12,848	12,848
10	NET INVESTMENT	3,051	2,830	2,609	2,388	2,167	1,946	1,725	1,504	1,283	1,062	841	620	399	399
11	AVERAGE INVESTMENT		2,941	2,720	2,499	2,278	2,057	1,836	1,615	1,394	1,173	952	731	510	
12	RETURN ON AVG INVEST		18	16	15	13	13	11	10	8	7	6	4	3	124
13															
14	RETURN REQUIREMENTS		26	23	21	19	19	16	14	12	10	9	6	4	179
15															
16	PROGRAM TOTAL		247	244	242	240	240	237	235	233	231	230	227	225	2,831
17															
18	**STANDBY GENERATION**														
19	INVESTMENTS		0	35,171	0	0	0	0	0	12,363	0	0	5	0	47,538
20	RETIREMENTS		0	0	0	0	0	0	0	88,691	28,123	910	0	0	117,723
21	DEPRECIATION BASE		436,235	453,821	471,406	471,406	471,406	471,406	471,406	433,242	381,016	366,500	366,048	366,050	
22															
23	DEPRECIATION EXPENSE		7,271	7,564	7,857	7,857	7,857	7,857	7,857	7,221	6,350	6,108	6,101	6,101	86,001
24															
25	CUMM. NET INVEST	436,235	436,235	471,406	471,406	471,406	471,406	471,406	471,406	395,078	366,955	366,045	366,050	366,050	366,050
26	LESS: ACC. NET DEPR	245,312	252,583	260,147	268,004	275,861	283,718	291,575	299,432	217,962	196,189	201,388	207,489	213,590	213,590
27	NET INVESTMENT	190,923	183,652	211,259	203,402	195,545	187,688	179,831	171,974	177,116	170,766	164,658	158,561	152,460	152,460
28	AVERAGE INVESTMENT		187,287	197,456	207,331	199,474	191,617	183,760	175,903	174,545	173,941	167,712	161,609	155,511	
29	RETURN ON AVG INVEST		1,131	1,193	1,253	1,205	1,157	1,111	1,038	1,030	1,026	990	953	917	13,004
30															
31	RETURN REQUIREMENTS		1,621	1,710	1,796	1,727	1,658	1,592	1,506	1,494	1,488	1,436	1,383	1,330	18,741
32															
33	PROGRAM TOTAL		8,892	9,274	9,653	9,584	9,515	9,449	9,363	8,715	7,838	7,544	7,484	7,431	104,742
34															
35	**BETTER BUSINESS**														
36	INVESTMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
37	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
38	DEPRECIATION BASE		51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855	
39															
40	DEPRECIATION EXPENSE		864	864	864	864	864	864	864	864	864	864	864	864	10,368
41															
42	CUMM. NET INVEST	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855
43	LESS: ACC. NET DEPR	35,849	36,713	37,577	38,441	39,305	40,169	41,033	41,897	42,761	43,625	44,489	45,353	46,217	46,217
44	NET INVESTMENT	16,006	15,142	14,278	13,414	12,550	11,686	10,822	9,958	9,094	8,230	7,366	6,502	5,638	5,638
45	AVERAGE INVESTMENT		15,574	14,710	13,846	12,982	12,118	11,254	10,390	9,526	8,662	7,798	6,934	6,070	
46	RETURN ON AVG INVEST		94	89	84	78	73	68	61	56	51	46	41	36	777
47															
48	RETURN REQUIREMENTS		135	127	120	112	104	98	89	81	74	67	59	52	1,118
49															
50	PROGRAM TOTAL		999	991	984	976	968	962	953	945	938	931	923	916	11,486

NOTE:
- JAN-JUN RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.25% BASED ON MAY 2013 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- JUL-DEC RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.08% BASED ON MAY 2014 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

DUKE ENERGY FLORIDA

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2014 - DECEMBER 2014

LINE NO.		BEGINNING BALANCE	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1	**RESIDENTIAL ENERGY MANAGEMENT - SUMMARY (Itemized below) (D)**														
2	INVESTMENTS		25,808	249,751	240,771	406,091	(232,366)	1,688	123	19,505	129,453	(10,713)	0	0	830,111
3	RETIREMENTS		0	0	0	257,943	14,513	48,356	9,292	0	497	0	0	0	330,600
4	INVESTMENTS BOOKED TO CWIP		529,458	354,140	828,586	382,416	199,035	331,447	608,132	208,068	134,112	9,101	158,207	(452,405)	3,290,298
5	CLOSINGS TO PLANT		2,476,156	1,244,910	0	0	0	0	0	0	0	0	0	0	
6	DEPRECIATION BASE		36,472,298	38,470,611	39,338,326	39,532,787	39,483,421	39,336,647	39,308,730	39,313,898	39,388,128	39,447,251	39,441,894	39,441,894	
7															
8	DEPRECIATION EXPENSE		291,825	323,971	343,117	346,791	345,934	343,439	342,963	342,933	343,129	342,939	342,603	342,603	4,052,247
9															
10	CUMM. NET INVEST	35,221,317	37,723,281	39,217,941	39,458,712	39,606,861	39,359,982	39,313,314	39,304,146	39,323,651	39,452,606	39,441,894	39,441,894	39,441,894	39,441,894
11	LESS: ACC. NET DEPR	1,997,635	2,289,460	2,613,431	2,956,548	3,045,396	3,376,817	3,671,900	4,005,572	4,348,505	4,691,137	5,034,076	5,376,679	5,719,282	5,719,282
12	CWIP	7,808,573	5,861,875	4,971,105	5,799,691	6,182,107	6,381,142	6,712,589	7,320,721	7,528,789	7,662,901	7,672,003	7,830,209	7,377,805	7,377,805
13	NET INVESTMENT	41,032,255	41,295,696	41,575,616	42,301,855	42,743,572	42,364,306	42,354,003	42,619,295	42,503,935	42,424,371	42,079,821	41,895,424	41,100,417	41,100,417
14	AVERAGE INVESTMENT		41,163,975	41,435,656	41,938,735	42,522,713	42,553,939	42,359,155	42,486,649	42,561,615	42,464,153	42,252,096	41,987,623	41,497,921	
15	RETURN ON AVG INVEST		248,700	250,341	253,382	256,909	257,098	255,922	250,672	251,115	250,540	249,288	247,728	244,839	3,016,534
16															
17	RETURN REQUIREMENTS		356,413	358,764	363,122	368,178	368,449	366,763	363,624	364,266	363,432	361,617	359,353	355,163	4,349,144
18															
19	PROGRAM TOTAL		648,238	682,735	706,239	714,969	714,383	710,202	706,587	707,199	706,561	704,556	701,956	697,766	8,401,391
20															
21	**RESIDENTIAL ENERGY MANAGEMENT - SMARTGRID HARDWARE FOR ODS, LMS, APPDEV, & TELECOM (D)**														
22	INVESTMENTS		105,632	167,741	(244,590)	(33,029)	0	1,002	54	541	126,151	0	0	0	123,501
23	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
24	INVESTMENTS BOOKED TO CWIP		263,247	138,115	500,343	(89,943)	70,382	138,026	212,886	77,653	46,939	2,841	55,372	(658,470)	757,392
25	CLOSINGS TO PLANT		2,476,156	1,244,910	0	0	0	0	0	0	0	0	0	0	
26	DEPRECIATION BASE		7,652,139	9,649,358	10,233,388	10,094,579	10,078,064	10,078,565	10,079,093	10,079,390	10,142,736	10,205,812	10,205,812	10,205,812	
27															
28	DEPRECIATION EXPENSE		74,928	106,080	120,427	118,773	118,576	118,582	118,588	118,588	118,733	118,876	118,876	118,876	1,369,903
29															
30	CUMM. NET INVEST	6,361,245	8,943,033	10,355,683	10,111,093	10,078,064	10,078,064	10,079,066	10,079,120	10,079,661	10,205,812	10,205,812	10,205,812	10,205,812	10,205,812
31	LESS: ACC. NET DEPR	239,342	314,270	420,350	540,777	659,550	778,126	896,708	1,015,296	1,133,884	1,252,617	1,371,493	1,490,369	1,609,245	1,609,245
32	Accum CWIP	5,778,429	3,565,521	2,458,726	2,959,069	2,869,127	2,939,509	3,077,535	3,290,420	3,368,074	3,415,013	3,417,854	3,473,226	2,814,756	2,814,756
33	NET INVESTMENT	11,900,333	12,194,283	12,394,059	12,529,385	12,287,641	12,239,447	12,259,893	12,354,244	12,313,851	12,368,208	12,252,173	12,188,669	11,411,323	11,411,323
34	AVERAGE INVESTMENT		12,047,308	12,294,171	12,461,722	12,408,513	12,263,544	12,249,670	12,307,068	12,334,047	12,341,029	12,310,190	12,220,421	11,799,996	
35	RETURN ON AVG INVEST		72,787	74,278	75,290	74,969	74,093	74,009	72,612	72,771	72,812	72,630	72,101	69,620	877,972
36															
37	RETURN REQUIREMENTS		104,311	106,448	107,898	107,439	106,183	106,063	105,331	105,561	105,621	105,357	104,589	100,991	1,265,792
38															
39	PROGRAM TOTAL		179,239	212,528	228,325	226,212	224,759	224,645	223,919	224,149	224,354	224,233	223,465	219,867	2,635,695
40															
41	**RESIDENTIAL ENERGY MANAGEMENT - SMARTGRID SOFTWARE FOR ODS, LMS, APPDEV (D)**														
42	INVESTMENTS		49,149	119,856	459,532	426,261	(238,790)	(716)	0	0	0	(53,063)	0	0	762,230
43	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
44	INVESTMENTS BOOKED TO CWIP		266,212	216,025	328,242	472,359	128,652	193,421	395,246	130,415	87,173	6,260	102,834	206,066	2,532,905
45	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	
46	DEPRECIATION BASE		5,787,122	5,871,625	6,161,319	6,604,215	6,697,951	6,578,198	6,577,840	6,577,840	6,577,840	6,551,309	6,524,777	6,524,777	
47															
48	DEPRECIATION EXPENSE	5 yr Property	96,452	97,861	102,689	110,070	111,633	109,637	109,631	109,631	109,631	109,189	108,747	108,747	1,283,918
49															
50	CUMM. NET INVEST	5,762,548	5,811,697	5,931,553	6,391,085	6,817,346	6,578,556	6,577,840	6,577,840	6,577,840	6,577,840	6,524,777	6,524,777	6,524,778	6,524,778
51	LESS: ACC. NET DEPR	188,340	284,792	382,653	485,342	595,412	707,045	816,682	926,313	1,035,944	1,145,575	1,254,764	1,363,511	1,472,258	1,472,258
52	Accum CWIP	2,030,143	2,296,355	2,512,379	2,840,622	3,312,981	3,441,633	3,635,054	4,030,300	4,160,715	4,247,888	4,254,149	4,356,983	4,563,049	4,563,049
53	NET INVESTMENT	7,604,351	7,823,260	8,061,280	8,746,365	9,534,914	9,313,144	9,396,212	9,681,828	9,702,611	9,680,153	9,524,162	9,518,249	9,615,568.13	9,615,568
54	AVERAGE INVESTMENT		7,713,805	7,942,270	8,403,822	9,140,640	9,424,029	9,354,678	9,539,020	9,692,220	9,691,382	9,602,158	9,521,206	9,566,909	
55	RETURN ON AVG INVEST		46,604	47,985	50,773	55,225	56,937	56,518	56,281	57,184	57,180	56,653	56,175	56,445	653,960
56															
57	RETURN REQUIREMENTS		66,789	68,767	72,763	79,143	81,597	80,996	81,641	82,951	82,945	82,181	81,487	81,879	943,139
58															
59	PROGRAM TOTAL		163,241	166,628	175,452	189,213	193,230	190,633	191,272	192,582	192,576	191,370	190,234	190,626	2,227,057

NOTE:
- JAN-JUN RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.25% BASED ON MAY 2013 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- JUL-DEC RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.08% BASED ON MAY 2014 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

DUKE ENERGY FLORIDA

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2014 - DECEMBER 2014

LINE NO.		BEGINNING BALANCE	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1	**RESIDENTIAL ENERGY MANAGEMENT - SMARTGRID AMI METERS (D)**														
2	INVESTMENTS		(128,973)	(37,846)	25,829	12,859	6,424	1,402	70	18,963	3,302	42,350	0	0	(55,619)
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
4	INVESTMENTS BOOKED TO CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
5	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	
6	DEPRECIATION BASE		22,532,144	22,448,735	22,442,726	22,462,071	22,471,712	22,475,625	22,476,361	22,485,878	22,497,011	22,519,837	22,541,012	22,541,012	
7															
8	DEPRECIATION EXPENSE		112,097	111,682	111,653	111,749	111,797	111,816	111,820	111,867	111,923	112,036	112,142	112,142	1,342,724
9															
10	CUMM. NET INVEST	22,596,631	22,467,658	22,429,812	22,455,641	22,468,500	22,474,924	22,476,326	22,476,396	22,495,359	22,498,662	22,541,012	22,541,012	22,541,012	22,541,012
11	LESS: ACC. NET DEPR	1,172,379	1,284,476	1,396,158	1,507,811	1,619,560	1,731,357	1,843,173	1,954,993	2,066,860	2,178,783	2,290,819	2,402,961	2,515,103	2,515,103
12	CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	NET INVESTMENT	21,424,252	21,183,182	21,033,654	20,947,830	20,848,940	20,743,567	20,633,153	20,521,403	20,428,499	20,319,879	20,250,193	20,138,051	20,025,909	20,025,909
14	AVERAGE INVESTMENT		21,303,717	21,108,418	20,990,742	20,898,385	20,796,253	20,688,360	20,577,278	20,474,951	20,374,189	20,285,036	20,194,122	20,081,980	
15	RETURN ON AVG INVEST		128,710	127,530	126,820	126,261	125,645	124,993	121,406	120,803	120,208	119,682	119,146	118,484	1,479,688
16															
17	RETURN REQUIREMENTS		184,455	182,764	181,746	180,945	180,063	179,128	176,111	175,236	174,373	173,610	172,833	171,872	2,133,136
18															
19	PROGRAM TOTAL		296,552	294,446	293,399	292,694	291,860	290,944	287,931	287,103	286,296	285,646	284,975	284,014	3,475,860
20															
21	**RESIDENTIAL ENERGY MANAGEMENT - NON-SMARTGRID RESIDENTIAL PROJECTS (D)**														
22	INVESTMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
23	RETIREMENTS		0	0	0	257,943	14,513	48,356	9,292	0	497	0	0	0	330,600
24	INVESTMENTS BOOKED TO CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
25	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	
26	DEPRECIATION BASE		500,893	500,893	500,893	371,922	235,694	204,259	175,436	170,790	170,541	170,293	170,293	170,293	
27															
28	DEPRECIATION EXPENSE		8,348	8,348	8,348	6,199	3,928	3,404	2,924	2,847	2,842	2,838	2,838	2,838	55,702
29															
30	CUMM. NET INVEST	500,893	500,893	500,893	500,893	242,950	228,437	180,081	170,790	170,790	170,293	170,293	170,293	170,293	170,293
31	LESS: ACC. NET DEPR	397,574	405,922	414,270	422,618	170,874	160,289	115,337	108,970	111,817	114,162	117,000	119,838	122,676	122,676
32	CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	NET INVESTMENT	103,319	94,971	86,623	78,275	72,076	68,148	64,744	61,820	58,973	56,131	53,293	50,455	47,617	47,617
34	AVERAGE INVESTMENT		99,145	90,797	82,449	75,176	70,112	66,446	63,282	60,397	57,552	54,712	51,874	49,036	
35	RETURN ON AVG INVEST		599	548	499	454	423	402	373	357	340	323	306	290	4,914
36															
37	RETURN REQUIREMENTS		858	785	715	651	606	576	541	518	493	469	444	421	7,077
38															
39	PROGRAM TOTAL		9,206	9,133	9,063	6,850	4,534	3,980	3,465	3,365	3,335	3,307	3,282	3,259	62,779
40															
41															
42	INVESTMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
43	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
44	INVESTMENTS BOOKED TO CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
45	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	
46	DEPRECIATION BASE		0	0	0	0	0	0	0	0	0	0	0	0	
47															
48	DEPRECIATION EXPENSE		0	0	0	0	0	0	0	0	0	0	0	0	0
49															
50	CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	LESS: ACC. NET DEPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	
53	NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	0	0	0	
55	RETURN ON AVG INVEST		0	0	0	0	0	0	0	0	0	0	0	0	0
56															
57	RETURN REQUIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
58															
59	PROGRAM TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0

NOTE:
- JAN-JUN RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.25% BASED ON MAY 2013 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- JUL-DEC RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.08% BASED ON MAY 2014 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

Program Description and Progress

Program Title: Home Energy Check

Program Description: The Home Energy Check program is a comprehensive residential energy evaluation (audit) program. This program provides important opportunities to educate and engage customers about the specific energy efficiency opportunities that exist in their specific residence. The energy savings recognized are generated through both the education and engagement that occurs and through the installation of physical measures as participating customers also receive an energy efficiency kit. It serves as the foundation for and is a prerequisite for participation in the residential Home Energy Improvement program.

Program Accomplishments for January 2014 through December 2014: 33,178 customers participated in Home Energy Checks.

Program Fiscal Expenditures for January 2014 through December 2014: Expenses for this program were $3,665,868.

Program Progress Summary: Through this reporting period 811,473 customers have participated in Home Energy Check. Duke Energy Florida will continue to use the Home Energy Check to inform and motivate consumers to implement cost effective energy efficiency measures and qualify for Home Energy Improvement incentives.

Program Description and Progress

Program Title: Home Energy Improvement

Program Description: The Home Energy Improvement program is an umbrella program for existing residential homes. This program combines thermal envelope efficiency improvements with upgraded equipment and appliances. The Home Energy Improvement program includes incentives for measures such as duct testing, duct leakage repair, attic insulation, injected wall insulation, replacement windows, window film, reflective roofing, high efficiency heat pump replacing resistance heat, high efficiency heat pump replacing a heat pump, high efficiency A/C replacing A/C with non-electric heat, HVAC commissioning, plenum sealing, proper sizing and supplemental bonuses.

Program Accomplishments for January 2014 through December 2014: There were 30,726 measures implemented through this program.

Program Fiscal Expenditures for January 2014 through December 2014: Expenses for this program were $5,579,695.

Program Progress Summary: Through this reporting period 603,972 Home Energy Improvement measures have been implemented. This program will continue to be offered to encourage residential customers to make energy efficiency improvements to their homes.

Program Description and Progress

Program Title: Residential New Construction

Program Description: The Home Advantage Program promotes energy-efficient construction which exceeds the building code. Information, education, and consultation are provided to homebuilders, contractors, realtors and home buyers on energy-related issues and efficiency measures. This program is designed to encourage single-family, multi-family, and manufactured home builders to build more energy efficiently by encouraging a whole house performance view including the installation of climate effective windows, reflective roof materials, upgraded insulation, conditioned space air handler placement, energy recovery ventilation, and highly efficient HVAC equipment. Incentives are awarded to the builder based on the level of efficiency achieved.

Program Accomplishments for January 2014 through December 2014: There were 33,268 measures implemented through this program.

Program Fiscal Expenditures for January 2014 through December 2014: Expenses for this program were $5,026,903.

Program Progress Summary: Through this reporting period 298,056 measures have been implemented through the Residential New Construction program.

Program Description and Progress

Program Title: Neighborhood Energy Saver

Program Description: The Neighborhood Energy Saver Program is designed to assist low-income families with managing energy costs. The goal of this program is to implement a comprehensive package of electric conservation measures at no cost to eligible customers and to provide education to participating families on energy efficiency techniques and practices that will enable them to better manage their energy usage. This program is designed to assist neighborhoods where approximately 50% of the households have incomes equal to or less than 200% of the federal poverty level.

Program Accomplishments for January, 2014 through December, 2014: There were 2,727 customers who participated in the Neighborhood Energy Saver program.

Program Fiscal Expenditures for January, 2014 through December, 2014: Expenses for this program were $1,357,575.

Program Progress Summary: Since program inception 20,691 customers have benefited from the Neighborhood Energy Saver Program. This program will continue to be offered to low-income neighborhoods in Duke Energy Florida's service territories.

Program Description and Progress

Program Title: Low-Income Weatherization Assistance Program (LIWAP)

Program Description: The goal of this program is to provide weatherization assistance and information to low income families about energy efficiency measures that will reduce their energy bills. This is accomplished through partnerships with the Department of Economic Opportunity (DEO) and local weatherization providers. Through these partnerships Duke Energy Florida provides energy education materials and financial incentives to weatherize the homes of low-income families.

Program Accomplishments for January 2014 through December 2014: There were 1,023 measures implemented in the program in 2014.

Program Fiscal Expenditures for January 2014 through December 2014: Expenses for this program were $220,915.

Program Progress Summary: Since program inception, 19,682 measures have been implemented through the Low-Income Weatherization Assistance Program (LIWAP). Duke Energy Florida partners with local, state-wide and national agencies to promote the delivery of the LIWAP program. Individual meetings with weatherization providers and other low income providers are conducted throughout DEF's service territory to promote this program.

Program Description and Progress

Program Title: Load Management Program (Residential & Commercial)

Program Description: The Load Management Program is a voluntary program that incorporates direct control of selected customer equipment to reduce system demand during winter and summer peak capacity periods and/or emergency conditions by temporarily interrupting selected customer appliances. Customers have a choice of options and receive a credit on their monthly electric bills depending on the options selected and their monthly kWh usage.

Program Accomplishments for January 2014 through December 2014: During this period 3,145 customers were added to the residential program. The commercial program was closed to new participants in April 2001.

Program Fiscal Expenditures for January 2014 through December 2014: Residential program expenditures during this period were $41,163,563 and commercial expenditures were $639,025.

Program Progress Summary: As of December 31, 2014 there were 397,091 residential customers and 359 commercial customers participating in the Load Management program.

Program Description and Progress

Program Title: Business Energy Check

Program Description: The Business Energy Check program provides commercial customers with an analysis of their energy use as well as recommendations on how they can save on their electric bills. The audit focuses on educating and encouraging customers to implement minimal cost energy-saving practices and measures. This program serves as the foundation for the Better Business Program and the commercial demand-side management programs.

Program Accomplishments for January 2014 through December 2014: There were 2,530 customers who participated in this program.

Program Fiscal Expenditures for January 2014 through December 2014: Expenses for this program were $747,227.

Program Progress Summary: Through this reporting period 39,472 non-residential customers have participated in the Business Energy Check.

Program Description and Progress

Program Title: Better Business

Program Description: The Better Business program provides information and education to commercial customers regarding energy saving practices and measures. The program provides also provides incentives for the installation of energy efficient equipment and thermal envelope upgrades including heating, air conditioning, motors, roof insulation upgrade, duct leakage and repair, demand-control ventilation, cool roof, high efficiency energy recovery ventilation, and HVAC optimization.

Program Accomplishments for January 2014 through December 2014: There were 1,071 measures implemented under this program.

Program Fiscal Expenditures for January 2014 through December 2014: Expenses for this program were $3,326,157.

Program Progress Summary: Since program inception, 16,631 measures have been implemented through the Better Business Program.

Program Description and Progress

Program Title: Commercial/Industrial New Construction

Program Description: This is an umbrella efficiency program for new Commercial and Industrial facilities. This program provides information, education, and advice on energy-related issues and efficiency measures by involvement early in the building's design process. With the exception of ceiling insulation upgrade, duct test and leakage repair, HVAC steam cleaning and roof top HVAC unit re-commissioning, the Commercial and Industrial New Construction program provides incentives for the same efficiency measures listed in the Better Business program for existing buildings.

Program Accomplishments for January 2014 through December 2014: There were 173 measures implemented in 2014.

Program Fiscal Expenditures for January 2014 through December 2014: Expenses for this program were $649,389.

Program Progress Summary: Since program inception 1,908 measures have been implemented through the Commercial/Industrial New Construction program.

Program Description and Progress

Program Title: Innovation Incentive

Program Description: This program is designed to encourage energy conservation efforts that are not supported by other Duke Energy Florida programs. Major equipment replacement or other actions that substantially reduce DEF peak demand requirements are evaluated to determine their impact on Duke Energy Florida's system. Incentives are provided for cost effective customer-specific demand and energy conservation projects on a case-by-case basis. To be eligible for incentives through this program, projects must reduce or shift a minimum of 10 kW of peak demand.

Program Accomplishments for January 2014 through December 2014: There were a total of 12 projects completed that qualified for incentives in 2014.

Program Fiscal Expenditures for January 2014 through December 2014: Expenses for this program were $46,117.

Program Progress Summary: Since program inception, 202 projects have received incentives through the Innovation Incentive program. This program continues to target specialized, customer specific energy efficiency measures not covered through the company's other DSM programs.

Program Description and Progress

Program Title: Standby Generation

Program Description: This program is available to commercial customers who have at least 50 kW of standby generation who are willing to reduce facility demand through the operation of their standby generation at the request of the company. Participants receive an incentive per kW of standby generation available, as well as a kWh supplement for runtime during control periods.

Program Accomplishments for January 2014 through December 2014: There were 10 new accounts added to the program during this period.

Program Fiscal Expenditures for January 2014 through December 2014: Expenses for this program were $5,950,024.

Program Progress Summary: A total of 258 accounts are currently participating in this program.

Program Description and Progress

Program Title: Interruptible Service Program

Program Description: This program is available to commercial customers with billing demand of 500 kW or more. This program allows Duke Energy Florida to interrupt electrical service to these customers during times of capacity shortages. The signal to operate the automatic switch on the customer's service is activated by the Energy Control Center. In return for this, the customers receive a monthly rebate on their kW demand charge.

Program Accomplishments for January 2014 through December 2014: There was 1 new participant added to the program under the IS-2 tariff during this period.

Program Fiscal Expenditures for January 2014 through December 2014: Expenses for this program were $26,784,894.

Program Progress Summary: The program currently has 133 active participants. The original program filed as the IS-1 tariff is no longer cost-effective and was closed to new participants on April 16, 1996. Existing participants were grandfathered onto the tariff. New participants are placed on the IS-2 tariff.

Program Description and Progress

Program Title: Curtailable Service Program

Program Description: The Curtailable Service program is available to commercial customers who contract to curtail or shut down a portion of their load during times of capacity shortages. The curtailment is done voluntarily by the customer when notified by DEF. In return for this cooperation, the customer receives a monthly rebate for the curtailable portion of their load.

Program Accomplishments for January 2014 through December 2014: There were no new participants added to this program in 2014.

Program Fiscal Expenditures for January 2014 through December 2014: Expenses for this program were $1,169,825.

Program Progress Summary: The program currently has 4 participants with 3 customers on the Curtailable Optional Time of Use tariff (CST-1) and 1 customer on the Curtailable Stand-by Service tariff (SS-3). The original tariff (CS-1) is no longer cost-effective and was closed to new participants on April 16, 1996. Existing participants were grandfathered onto the tariff. New participants are placed on the CS-2 tariff.

Program Description and Progress

Program Title: Solar Water Heating with Energy Management Program

Program Description: This program is part of DEF's Demand-Side Renewable Portfolio and is designed to encourage residential customers to install a solar thermal water heating system. Customers are required to complete a Home Energy Check before the solar thermal system is installed. To receive the one-time $550 incentive, the heating, air conditioning, and water heating systems must be on the Energy Management program and the solar thermal system must provide a minimum of 50% of the water heating load.

Program Accomplishments for January, 2014 through December, 2014: There were 306 customers that participated in the Solar Water Heater with Energy Wise program.

Program Fiscal Expenditures for January, 2014 through December, 2014: Expenses for this program were $185,422.

Program Progress Summary: This program was implemented in 2011 and will continue to be offered to customers through 2015.

Program Description and Progress

Program Title: Solar Water Heating Low Income Residential Pilot

Program Description: The Solar Water Heating Low Income Residential Pilot is part of DEF's Demand-Side Renewable Portfolio and is designed to assist low income families with managing energy costs by incorporating a solar thermal water heating system into their residence while it is under construction. Duke Energy Florida will collaborate with non-profit builders to provide low income families with a residential solar thermal water heater. The solar thermal system will be provided at no cost to the non-profit builders or the residential participants.

Program Accomplishments for January, 2014 through December, 2014: There were 31 customers that participated in this program in 2014.

Program Fiscal Expenditures for January, 2014 through December, 2014: Expenses for this program were $136,823.

Program Progress Summary: This pilot program was implemented in 2011 and will continue to be offered to customers through 2015.

Program Description and Progress

Program Title: Residential Solar Photovoltaic Pilot

Program Description: This pilot program is part of DEF's Demand-Side Renewable Portfolio and is designed to encourage residential customers to install new solar photovoltaic (PV) systems on their homes. Customers are required to complete a Home Energy Check before the PV system is installed. The pilot program includes an annual reservation process to pre-approve participants to ensure that adequate funds are available. Participants are eligible for a rebate of up to $2.00 per Watt of the PV DC power rating up to a $20,000 maximum for installing a new PV system.

Program Accomplishments for January, 2014 through December, 2014: There were 112 customers that participated in this program in 2014.

Program Fiscal Expenditures for January, 2014 through December, 2014: Expenses for this program were $2,044,136.

Program Progress Summary: This pilot program was implemented in 2011. Duke Energy Florida will continue to offer this program in its service territories through 2015.

Program Description and Progress

Program Title: Commercial Solar Photovoltaic Pilot

Program Description: This pilot program is part of DEF's Demand-Side Renewable Portfolio and is designed to encourage commercial customers to install new solar photovoltaic (PV) systems on their facilities. The program includes an annual reservation process to pre-approve participants to ensure that adequate funds are available. Participants can receive a rebate of up to $2.00 per Watt of the PV DC power rating for the first 10 KW, $1.50 per Watt for 11 KW to 50 KW, and $1.00 per Watt for 51 KW to 100 KW, up to a $130,000 maximum for installing a new PV system.

Program Accomplishments for January, 2014 through December, 2014: There were 16 customers that participated in this program in 2014.

Program Fiscal Expenditures for January, 2014 through December, 2014: Expenses for this program were $1,098,518.

Program Progress Summary: This pilot program was implemented in 2011 and will continue to be offered to customers through 2015.

Program Description and Progress

Program Title: Photovoltaic for Schools Pilot

Program Description: This pilot program is part of DEF's Demand-Side Renewable Portfolio and is designed to promote energy education and provide participating public schools with new solar photovoltaic (PV) systems at no cost to the school. The pilot program is limited to an annual target of one system with a rating up to 100 kW installed on a post-secondary school and up to ten (10) 10 kW systems with a battery backup option installed on K-12 schools, preferably those schools serving as emergency shelters.

Program Accomplishments for January, 2014 through December, 2014: Photovoltaic systems were completed at ten K-12 schools and one post-secondary school in 2014.

Program Fiscal Expenditures for January, 2014 through December, 2014: Expenses for this program were $1,657,819.

Program Progress Summary: This pilot program was implemented in 2011 and will continue to be offered through 2015. Since inception, photovoltaic systems have been installed at twenty-eight K-12 schools and four post-secondary schools.

Program Description and Progress

Program Title: Research and Demonstration Pilot

Program Description: This pilot program is part of DEF's Demand-Side Renewable Portfolio. The purpose of this program is to research technology and establish R&D initiatives to support the development of renewable energy pilot programs. Demonstration projects will provide real-world field testing to assist in the development of these initiatives. The projects in this program are focused on understanding the impacts of increased PV penetration on distribution circuits, understanding the performance variability of various solar PV technologies, and exploring the use of large-scale energy storage to mitigate issues due to the integration of solar PV. The program will be limited to a targeted annual expenditure cap of 5% of the total Demand-Side Renewable Portfolio annual expenditures.

Program Accomplishments for January, 2014 through December, 2014: Several research and demonstration projects continued and/or were launched in 2014.

- Participated a study to determine impacts from increased penetration of PV resources on distribution circuits utilizing data collected in our PV monitoring project.
- Partnered with EPRI to evaluate Flat Plate PV arrays.
- Participated in EPRI programs 84 and 174; Renewables, Economics, and Technology Status; and Integrating Renewables into Distribution.
- Collaborated with the University of South Florida and the Florida High-Tech Corridor to develop and install the USF Renewable Energy Storage Project. This project includes integration of a state-of-the-art lithium-ion energy storage system with the 100 kW solar PV system at the University of South Florida, St. Petersburg Campus. The Renewable Energy Storage Project will explore the use of large-scale energy storage for mitigation of issues due to integration of solar PV, making the energy produced by these arrays available when most valuable, and enabling the operation of solar PV systems during extended grid outages resulting from hurricanes and other natural disasters.

Program Fiscal Expenditures for January, 2014 through December, 2014: Expenses for this program were $299,907.

Program Progress Summary: The Research and Demonstration Pilot was implemented in 2011 and will continue through 2015.

Program Description and Progress

Program Title: Technology Development

Program Description: This program supports field demonstration projects, research partnerships and education that allow for the investigation of technologies that may result in new energy conservation or demand response programs for customers.

Program Accomplishments for January 2014 through December 2014:
Several research and demonstration projects continued and/or were launched in 2014.

- Continued and enhanced a project for appliance energy efficiency and demand response using CEA-2045 modular communications interface for energy management.
- Began an investigation of the energy efficiency and demand response impacts of smart thermostats.
- Collaborated with the University of South Florida on a project for commercial building energy efficiency and demand response utilizing control systems that interface with existing customer building management systems.
- Began an investigation of the energy efficiency and demand response impacts of smart water heater control.
- Continued battery storage technology analysis by evaluating the performance of two Li-Ion batteries associated with the Renewable SEEDS project.
- Expanded the demonstration of technologies that utilize Variable Speed Heat Pumps with the potential of eliminating strip heat as a back-up heat source for heat pumps
- Enhanced and continued data collection to document solar resource on distribution feeders associated with our solar PV monitoring project.
- Participated in EPRI Program 94 and 18D, Energy Storage and Electric Transportation Systems Infrastructure and Utility Readiness.
- Partnered with EPRI and other research organizations to evaluate energy efficiency, energy storage, and alternative energy / innovative technologies.

Program Fiscal Expenditures for January 2014 through December 2014: Expenses for this program were $713,828.

Program Progress Summary: Duke Energy Florida continues to focus on advancing new technologies which have the potential to result in new energy conservation programs for customers. Through this program, DEF has studied the potential energy efficiency benefits of specific types of equipment, the costs and benefits of energy storage, the impacts of solar resources on the distribution system, and load control automation technologies to gain a better understanding of the opportunities these technologies may provide for future energy efficiency programs.

Program Description and Progress

Program Title: Qualifying Facility

Program Description: The purpose of this program is to facilitate and administer power purchases from qualifying facilities.

Program Accomplishments for January, 2014 through December, 2014: Duke Energy Florida (DEF) met with many Qualified Facility developers interested in providing renewable generation within our service territory in 2014. DEF also continued to discuss the advances and rapidly changing economics of renewable technologies with several groups.. Meetings were held with current Qualified Facility providers to discuss options upon expiration of their purchase agreements. DEF also diligently monitored newly signed contracts for construction milestones, financing status, permitting, transmission studies and agreements, insurance and Performance Security. DEF successfully administered all executed contracts with Qualified Facilities for compliance. These contracts produced more than 3.9 Million MWHs for Duke Energy Florida customers during 2014 which is equal to the average annual electricity use of about 270,000 average households.

Program Fiscal Expenditures for January, 2014 through December, 2014: Expenses for this program were $847,640.

Program Progress Summary: As of December 31, 2014, the total firm capacity from in-service Qualifying Facilities was approximately 682 MW's with an additional 160 MW's of firm capacity and 370 MW's of as-available energy contracts being monitored for future service.

DUKE ENERGY FLORIDA
Energy Conservation Cost Recovery Clause (ECCR)
Calculation of the Energy & Demand Allocation % by Rate Class
JANUARY 2016 - DECEMBER 2016

Rate Class	(1) Average 12CP Load Factor at Meter (%)	(2) Sales at Meter (mWh)	(3) Avg 12 CP at Meter (MW) (2)/(8784hrsx(1))	(4) Delivery Efficiency Factor	(5) Sales at Source (Generation) (mWh) (2)/(4)	(6) Avg 12 CP at Source (MW) (3)/(4)	(7) Annual Average Demand (5)/(8784hrs)	(8) Annual Average Demand Allocator (%)	(9) 12 CP Allocator (%)	(10) **12CP & 1/13 AD** Demand Allocator (%)
Residential										
RS-1, RST-1, RSL-1, RSL-2, RSS-1										
Secondary	0.518	19,482,925	4,282.48	0.9463589	20,587,248	4,525.22	2,343.72	51.568%	61.617%	60.844%
General Service Non-Demand										
GS-1, GST-1										
Secondary	0.682	1,547,422	258.45	0.9463589	1,635,132	273.10	186.15	4.096%	3.719%	3.748%
Primary	0.682	8,546	1.43	0.9766343	8,750	1.46	1.00	0.022%	0.020%	0.020%
Transmission	0.682	3,571	0.60	0.9866343	3,619	0.60	0.41	0.009%	0.008%	0.008%
								4.127%	3.747%	3.776%
General Service										
GS-2 Secondary	1.000	161,981	18.44	0.9463589	171,162	19.49	19.49	0.429%	0.265%	0.278%
General Service Demand										
GSD-1, GSDT-1										
Secondary	0.749	11,824,122	1,797.93	0.9463589	12,494,332	1,899.84	1,422.40	31.296%	25.869%	26.286%
Primary	0.749	2,361,477	359.08	0.9766343	2,417,975	367.67	275.27	6.057%	5.006%	5.087%
Transmission	0.749	0	0.00	0.9866343	0	0.00	0.00	0.000%	0.000%	0.000%
SS-1 Primary	1.166	5,602	0.55	0.9766343	5,736	0.56	0.65	0.014%	0.008%	0.008%
Transm Del/ Transm Mtr	1.166	11,127	1.09	0.9866343	11,278	1.10	1.28	0.028%	0.015%	0.016%
Transm Del/ Primary Mtr	1.166	3,474	0.34	0.9766343	3,557	0.35	0.40	0.009%	0.005%	0.005%
								37.404%	30.902%	31.403%
Curtailable										
CS-1, CST-1, CS-2, CST-2, SS-3										
Secondary	1.305	0	0.00	0.9463589	0	0.00	0.00	0.000%	0.000%	0.000%
Primary	1.305	121,852	10.63	0.9766343	124,767	10.88	14.20	0.313%	0.148%	0.161%
SS-3 Primary	0.583	3,604	0.70	0.9766343	3,690	0.72	0.42	0.009%	0.010%	0.010%
								0.322%	0.158%	0.171%
Interruptible										
IS-1, IST-1, IS-2, IST-2										
Secondary	1.009	88,539	9.99	0.9463589	93,558	10.55	10.65	0.234%	0.144%	0.151%
Sec Del/Primary Mtr	1.009	4,449	0.50	0.9766343	4,555	0.51	0.52	0.011%	0.007%	0.007%
Primary Del / Primary Mtr	1.009	1,229,525	138.66	0.9766343	1,258,941	141.98	143.32	3.153%	1.933%	2.027%
Primary Del / Transm Mtr	1.009	9,117	1.03	0.9866343	9,241	1.04	1.05	0.023%	0.014%	0.015%
Transm Del/ Transm Mtr	1.009	222,224	25.06	0.9866343	225,234	25.40	25.64	0.564%	0.346%	0.363%
Transm Del/ Primary Mtr	1.009	269,448	30.39	0.9766343	275,894	31.11	31.41	0.691%	0.424%	0.444%
SS-2 Primary	0.870	9,262	1.21	0.9766343	9,484	1.24	1.08	0.024%	0.017%	0.017%
Transm Del/ Transm Mtr	0.870	92,038	12.05	0.9866343	93,285	12.21	10.62	0.234%	0.166%	0.171%
Transm Del/ Primary Mtr	0.870	80,335	10.52	0.9766343	82,257	10.77	9.36	0.206%	0.147%	0.151%
								5.141%	3.197%	3.347%
Lighting										
LS-1 (Secondary)	5.506	381,551	7.89	0.9463589	403,178	8.34	45.90	1.010%	0.114%	0.182%
		37,922,191	6,969.01		39,922,874	7,344.16	4,544.95	100.000%	100.000%	100.000%

Notes:
(1) Average 12CP load factor based on load research study filed July 31, 2015 (FPSC Rule 25-6.0437 (7))
(2) Projected kWh sales for the period January 2016 to December 2016
(3) Column 2 / (8,784 hours x Column 1)
(4) Based on system average line loss analysis for 2014
(5) Column 2 / Column 4
(6) Column 3 / Column 4
(7) Column 5 / 8,784 hours
(8) Column 5/ Total Column 5
(9) Column 6/ Total Column 6
(10) Column 8 x 1/13 + Column 9 x 12/13

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 150002-EG EXHIBIT: 11
PARTY: DUKE ENERGY FLORIDA, LLC (DEF) – DIRECT
DESCRIPTION: Lori J. Cross LJC-1P

DUKE ENERGY FLORIDA
Energy Conservation Cost Recovery Clause (ECCR)
Calculation of Energy Conservation Cost Recovery Clause Rate Factors by Rate Class
JANUARY 2016 - DECEMBER 2016

Rate Class	(1) mWh Sales at Source Energy Allocator (%)	(2) 12CP & 1/13 AD Demand Allocator (%)	(3) Energy-Related Costs ($)	(4) Production Demand Costs ($)	(5) Total Energy Conservation Costs ($)	(6) Projected Effective Sales at Meter Level (mWh)	(7) Billing KW Load Factor (%)	(8) Projected Effective KW at Meter Level (kW)	(9) Energy Conservation Cost Recovery ($/kW-month)	(10) Energy Conservation Cost Recovery (cents/kWh)
Residential										
RS-1, RST-1, RSL-1, RSL-2, RSS-1										
Secondary	51.568%	60.844%	$ 13,341,619	$50,058,123	$63,399,741	19,482,925				0.325
General Service Non-Demand										
GS-1, GST-1										
Secondary						1,547,422				0.268
Primary						8,461				0.265
Transmission						3,500				0.263
TOTAL GS	4.127%	3.776%	$ 1,067,668	$3,106,624	$4,174,292	**1,559,382**				
General Service										
GS-2 Secondary	0.429%	0.278%	$ 110,922	$228,632	$339,554	161,981				0.210
General Service Demand										
GSD-1, GSDT-1, SS-1*										
Secondary						11,824,122			0.98	
Primary						2,346,847			0.97	
Transmission						10,904			0.96	
TOTAL GSD	37.404%	31.403%	$ 9,677,289	$25,835,946	$35,513,235	**14,181,874**	53.50%	36,213,355		
Curtailable										
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3*										
Secondary						-			0.67	
Primary						124,201			0.66	
Transmission						-			0.66	
TOTAL CS	0.322%	0.171%	$ 83,247	$140,358	$223,605	**124,201**	50.70%	334,663		
Interruptible										
IS-1, IST-1, IS-2, IST-2, SS-2*										
Secondary						88,539			0.84	
Primary						1,577,089			0.83	
Transmission						316,911			0.82	
TOTAL IS	5.141%	3.347%	$ 1,330,095	$2,753,670	$4,083,765	**1,982,539**	56.00%	4,836,405		
Lighting										
LS-1 Secondary	1.010%	0.182%	$ 261,280	$150,117	$411,397	381,551				0.108
	100.000%	100.000%	$25,872,120	$82,273,469	$108,145,590	37,874,454				0.286

Notes:
(1) From Schedule C-1 1P, Column 8
(2) From Schedule C-1 1P, Column 10
(3) Column 1 x Total Energy Dollars, C-2 Page 1, line 33
(4) Column 2 x Total Demand Dollars, C-2 Page 1, line 35
(5) Column 3 + Column 4
(6) kWh sales at effective secondary voltage
(7) Class Billing kW Load Factor
(8) Column 6 x 1000 / 8,784 / Column 7 x 12
(9) Column 5/ Column 8
(10) Column 5 x 100/ Column 6 x 1,000

***Calculation of Standby Service kW Charges:**

	ECCR Cost	Effective kW	$/kW
Total GSD, CS, IS	$39,820,605	41,384,423	0.96
SS-1, 2, 3 - $/kW-mo	Secondary	Primary	Trans
Monthly - $0.96/kW * 10%	0.096	0.095	0.094
Daily - $0.96/kW / 21	0.046	0.046	0.045

DUKE ENERGY FLORIDA
ESTIMATED CONSERVATION PROGRAM COSTS
JANUARY 2016 - DECEMBER 2016

DOCKET NO. 150002-EG
DUKE ENERGY FLORIDA
LORI J. CROSS
EXHIBIT NO. _____ (LJC-1P)
SCHEDULE C-2

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)		12 MONTH TOTAL
1	BETTER BUSINESS (20015937) (E)	$	2,800,459
2	RESIDENTIAL NEW CONSTRUCT (20015933) (E)	$	0
3	RESIDENTIAL INCENTIVE PROGRAM (HOME ENERGY IMP) (20015934) (E)	$	6,992,277
4	C/I NEW CONSTRUCTION (20015938) (E)	$	0
5	HOME ENERGY CHECK (20015932) (E)	$	5,901,326
6	LOW INCOME (20021329) (E)	$	625,451
7	SOLAR WATER HEATING WITH EM (20084920) (E)	$	0
8	RENEWABLE ENERGY SAVER (20060744) (E)	$	0
9	NEIGHBORHOOD ENERGY SAVER (20060745) (E)	$	3,723,459
10	BUSINESS ENERGY CHECK (20015936) (E)	$	1,196,174
11	CONSERVATION PROGRAM ADMIN (20015935) (E)	$	3,132,104
12	CONSERVATION PROGRAM ADMIN (20015935) (D)	$	348,012
13	QUALIFYING FACILITY (20025062) (E)	$	977,335
14	FLORIDA CUSTOM INCENTIVE (INNOVATION INCENTIVE) (20015940) (E)	$	661,396
15	TECHNOLOGY DEVELOPMENT (20015939) (E)	$	800,000
16	STANDBY GENERATION (20021332) (D)	$	6,512,180
17	INTERRUPTIBLE SERVICE (20015941) (D)	$	30,952,263
18	CURTAILABLE SERVICE (20015942) (D)	$	1,550,388
19	RES ENERGY MANGMNT-ADMIN (20015943) (D)	$	44,521,234
20	COM ENERGY MANGMNT-ADMIN (20015944) (D)	$	737,160
21	RESIDENTIAL SOLAR PHOTOVOLTAIC (20084918) (E)	$	0
22	SOLAR WATER HEAT LOW INCOME RES CUST (20084921) (E)	$	0
23	COMMERCIAL SOLAR PHOTOVOLTAIC (20084919) (E)	$	0
24	PHOTOVOLTAIC FOR SCHOOLS PILOT (20084917) (E)	$	0
25	RESEARCH AND DEMONSTRATION (20084922) (E)	$	0
26			
27	NET PROGRAM COSTS	$	111,431,217
28			

SUMMARY OF DEMAND & ENERGY

		12 Months Total	Prior Period True-Up Under(Over) Recovery	Total Costs with True - up	Revenue Expansion Factor	Total Costs To Recover
33	ENERGY	$ 26,809,981	$ (945,749)	$ 25,864,232	1.000305	$ 25,872,120
34						
35	DEMAND	84,621,236	(2,372,853)	82,248,383	1.000305	82,273,469
36						
37	TOTAL	$ 111,431,217	$ (3,318,602)	$ 108,112,615		$ 108,145,590

DUKE ENERGY FLORIDA
ESTIMATED CONSERVATION PROGRAM COSTS
JANUARY 2016 - DECEMBER 2016

DOCKET NO. 150002-EG
DUKE ENERGY FLORIDA
LORI J. CROSS
EXHIBIT NO. _____ (LJC-1P)
SCHEDULE C-2
PAGE 2 OF 9

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)	ESTIMATED Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	TOTAL
1	BETTER BUSINESS (20015937) (E)	$233,180	$230,373	$233,298	$235,255	$233,298	$233,298	$233,302	$233,298	$235,255	$233,298	$233,298	$233,308	$2,800,459
2	RESIDENTIAL NEW CONSTRUCT (20015933) (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
3	RESIDENTIAL INCENTIVE PROGRAM (HOME ENERGY IMP) (20015934) (E)	585,981	585,982	588,495	584,934	580,279	580,279	580,279	580,279	584,934	580,279	580,279	580,279	6,992,277
4	C/I NEW CONSTRUCTION (20015938) (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
5	HOME ENERGY CHECK (20015932) (E)	422,931	318,602	1,217,408	912,602	570,234	340,056	350,499	338,024	374,102	424,681	326,082	306,105	5,901,326
6	LOW INCOME (20021329) (E)	51,780	51,780	52,164	52,288	52,164	52,164	52,164	52,164	52,288	52,164	52,164	52,164	625,451
7	SOLAR WATER HEATING WITH EM (20084920) (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
8	RENEWABLE ENERGY SAVER (20060744) (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
9	NEIGHBORHOOD ENERGY SAVER (20060745) (E)	303,959	303,852	314,614	311,458	314,614	311,114	318,007	314,507	311,458	314,614	304,328	300,935	3,723,459
10	BUSINESS ENERGY CHECK (20015936) (E)	86,521	111,010	84,909	84,901	84,891	84,880	234,870	84,860	84,850	84,840	84,830	84,814	1,196,174
11	CONSERVATION PROGRAM ADMIN (20015935) (E)	267,339	267,448	268,977	261,878	257,798	257,798	257,798	257,798	261,878	257,798	257,798	257,798	3,132,104
12	CONSERVATION PROGRAM ADMIN (20015935) (D)	29,704	29,716	29,886	29,098	28,644	28,644	28,644	28,644	29,098	28,644	28,644	28,644	348,012
13	QUALIFYING FACILITY (20025062) (E)	81,445	81,445	81,445	81,445	81,445	81,445	81,445	81,445	81,445	81,445	81,445	81,445	977,335
14	FLORIDA CUSTOM INCENTIVE (INNOVATION INCENTIVE) (20015940) (E)	56,033	55,033	55,033	55,033	55,033	55,033	55,033	55,033	55,033	55,033	55,033	55,033	661,396
15	TECHNOLOGY DEVELOPMENT (20015939) (E)	34,375	34,375	34,375	98,958	98,958	98,958	34,375	34,375	34,375	98,958	98,958	98,958	800,000
16	STANDBY GENERATION (20021332) (D)	535,064	533,984	537,515	538,047	538,417	544,181	543,588	543,895	548,788	549,179	549,567	549,953	6,512,180
17	INTERRUPTIBLE SERVICE (20015941) (D)	2,579,407	2,578,881	2,578,965	2,579,121	2,579,247	2,579,241	2,579,366	2,579,492	2,579,483	2,579,606	2,579,731	2,579,720	30,952,263
18	CURTAILABLE SERVICE (20015942) (D)	129,199	129,199	129,199	129,199	129,199	129,199	129,199	129,199	129,199	129,199	129,199	129,199	1,550,388
19	RES ENERGY MANGMNT-ADMIN (20015943) (D)	3,667,125	3,675,265	3,684,114	3,692,352	3,700,038	3,705,968	3,711,802	3,718,648	3,726,523	3,736,438	3,746,583	3,756,379	44,521,234
20	COM ENERGY MANGMNT-ADMIN (20015944) (D)	61,430	61,430	61,430	61,430	61,430	61,430	61,430	61,430	61,430	61,430	61,430	61,430	737,160
21	RESIDENTIAL SOLAR PHOTOVOLTAIC (20084918) (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
22	SOLAR WATER HEAT LOW INCOME RES CUST (20084921) (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
23	COMMERCIAL SOLAR PHOTOVOLTAIC (20084919) (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
24	PHOTOVOLTAIC FOR SCHOOLS PILOT (20084917) (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
25	RESEARCH AND DEMONSTRATION (20084922) (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
26														
27	NET PROGRAM COSTS	$9,125,474	$9,048,375	$9,951,828	$9,707,998	$9,365,689	$9,143,688	$9,251,801	$9,093,090	$9,150,137	$9,267,606	$9,169,369	$9,156,163	$111,431,217
28														
29														
30	SUMMARY OF DEMAND & ENERGY													
31														
32	ENERGY	$2,123,544	$2,039,899	$2,930,718	$2,678,751	$2,328,713	$2,095,024	$2,197,771	$2,031,782	$2,075,617	$2,183,110	$2,074,215	$2,050,837	$26,809,981
33														
34	DEMAND	7,001,930	7,008,476	7,021,110	7,029,246	7,036,975	7,048,664	7,054,030	7,061,308	7,074,521	7,084,497	7,095,154	7,105,325	84,621,236
35														
36	TOTAL	$9,125,474	$9,048,375	$9,951,828	$9,707,998	$9,365,689	$9,143,688	$9,251,801	$9,093,090	$9,150,137	$9,267,606	$9,169,369	$9,156,163	$111,431,217

DUKE ENERGY FLORIDA
ESTIMATED CONSERVATION PROGRAM COSTS
JANUARY 2016 - DECEMBER 2016

DOCKET NO. 150002-EG
DUKE ENERGY FLORIDA
LORI J. CROSS
EXHIBIT NO. _____ (LJC-1P)
SCHEDULE C-2
PAGE 3 OF 9

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)	DEPRECIATION, AMORTIZATION &RETURN	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	OUTSIDE SERVICES	ADVERTISING	INCENTIVES	VEHICLES	OTHER	PROGRAM REVENUES (CREDITS)	TOTAL
1	BETTER BUSINESS (20015937) (E)	$307	$1,509,000	$30,100	$0	$145,200	$904,454	$0	$211,398	$0	$2,800,459
2	RESIDENTIAL NEW CONSTRUCT (20015933) (E)	0	0	0	0	0	0	0	0	0	0
3	RESIDENTIAL INCENTIVE PROGRAM (HOME ENERGY IMP) (20015934) (E)	0	1,656,567	81,198	0	1,051,913	4,036,530	0	166,070	0	6,992,277
4	C/I NEW CONSTRUCTION (20015938) (E)	0	0	0	0	0	0	0	0	0	0
5	HOME ENERGY CHECK (20015932) (E)	22,753	2,992,385	7,480	101,841	1,913,306	808,521	55,040	0	0	5,901,326
6	LOW INCOME (20021329) (E)	0	200,126	0	0	32,500	392,825	0	0	0	625,451
7	SOLAR WATER HEATING WITH EM (20084920) (E)	0	0	0	0	0	0	0	0	0	0
8	RENEWABLE ENERGY SAVER (20060744) (E)	0	0	0	0	0	0	0	0	0	0
9	NEIGHBORHOOD ENERGY SAVER (20060745) (E)	0	252,443	0	265,000	91,811	3,095,190	0	19,015	0	3,723,459
10	BUSINESS ENERGY CHECK (20015936) (E)	16,464	462,317	22,200	179,500	79,200	369,090	0	67,403	0	1,196,174
11	CONSERVATION PROGRAM ADMIN (20015935) (E)	0	2,604,133	71,793	218,623	0	0	0	237,555	0	3,132,104
12	CONSERVATION PROGRAM ADMIN (20015935) (D)	0	289,348	7,977	24,291	0	0	0	26,395	0	348,012
13	QUALIFYING FACILITY (20025062) (E)	0	823,500	10,759	98,986	0	0	6,600	37,490	0	977,335
14	FLORIDA CUSTOM INCENTIVE (INNOVATION INCENTIVE) (20015940) (E)	0	42,000	1,000	86,520	90,720	436,000	0	5,156	0	661,396
15	TECHNOLOGY DEVELOPMENT (20015939) (E)	0	300,000	200,000	275,000	0	0	5,000	20,000	0	800,000
16	STANDBY GENERATION (20021332) (D)	77,534	122,639	9,024	0	0	6,294,792	0	8,191	0	6,512,180
17	INTERRUPTIBLE SERVICE (20015941) (D)	15,426	66,034	6,936	0	0	30,859,008	0	4,859	0	30,952,263
18	CURTAILABLE SERVICE (20015942) (D)	0	0	0	0	0	1,550,388	0	0	0	1,550,388
19	RES ENERGY MANGMNT-ADMIN (20015943) (D)	15,763,738	1,349,411	168,650	1,620,911	708,624	24,824,247	25,000	60,653	0	44,521,234
20	COM ENERGY MANGMNT-ADMIN (20015944) (D)	0	0	0	0	0	737,160	0	0	0	737,160
21	RESIDENTIAL SOLAR PHOTOVOLTAIC (20084918) (E)	0	0	0	0	0	0	0	0	0	0
22	SOLAR WATER HEAT LOW INCOME RES CUST (20084921) (E)	0	0	0	0	0	0	0	0	0	0
23	COMMERCIAL SOLAR PHOTOVOLTAIC (20084919) (E)	0	0	0	0	0	0	0	0	0	0
24	PHOTOVOLTAIC FOR SCHOOLS PILOT (20084917) (E)	0	0	0	0	0	0	0	0	0	0
25	RESEARCH AND DEMONSTRATION (20084922) (E)	0	0	0	0	0	0	0	0	0	0
26											
27											
28	NET PROGRAM COSTS	$15,896,222	$12,669,903	$617,117	$2,870,672	$4,113,274	$74,308,204	$91,640	$864,184	$0	$111,431,217
29											
30											
31	SUMMARY OF DEMAND & ENERGY										
32											
33	ENERGY	$39,524	$10,842,471	$424,530	$1,225,470	$3,404,650	$10,042,609	$66,640	$764,086	$0	$26,809,981
34											
35	DEMAND	15,856,698	1,827,432	192,587	1,645,202	708,624	64,265,595	25,000	100,098	0	84,621,236
36											
37	TOTAL	$15,896,222	$12,669,903	$617,117	$2,870,672	$4,113,274	$74,308,204	$91,640	$864,184	$0	$111,431,217

DUKE ENERGY FLORIDA
SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN
JANUARY 2016 - DECEMBER 2016

DOCKET NO. 150002-EG
DUKE ENERGY FLORIDA
LORI J. CROSS
EXHIBIT NO. _____ (LJC-1P)
SCHEDULE C-2

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	TOTAL
1	**BETTER BUSINESS (20015937) (E)**														
2	INVESTMENT		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0
3	RETIREMENTS		10,820	0	0	0	0	0	0	0	0	0	0	0	10,820
4	DEPRECIATION BASE		5,410	0	0	0	0	0	0	0	0	0	0	0	
5															
6	DEPRECIATION EXPENSE (20% rate)		305	0	0	0	0	0	0	0	0	0	0	0	305
7															
8	CUMULATIVE INVESTMENT	10,820	0	0	0	0	0	0	0	0	0	0	0	0	0
9	LESS: ACC. DEPRECIATION	10,515	0	0	0	0	0	0	0	0	0	0	0	0	0
10	NET INVESTMENT	305	0	0	0	0	0	0	0	0	0	0	0	0	0
11	AVERAGE INVESTMENT		152	0	0	0	0	0	0	0	0	0	0	0	0
12	RETURN ON AVERAGE INVESTMENT		1	0	0	0	0	0	0	0	0	0	0	0	1
13															
14	RETURN REQUIREMENTS		2	0	0	0	0	0	0	0	0	0	0	0	2
15															
16	PROGRAM TOTAL		$ 307	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$307
17															
18	**HOME ENERGY IMPROVEMENT (20015934) (E)**														
19	INVESTMENT		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0
20	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
21	DEPRECIATION BASE		0	0	0	0	0	0	0	0	0	0	0	0	
22															
23	DEPRECIATION EXPENSE (20% rate)		0	0	0	0	0	0	0	0	0	0	0	0	0
24															
25	CUMULATIVE INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	LESS: ACC. DEPRECIATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	AVERAGE INVESTMEMT		0	0	0	0	0	0	0	0	0	0	0	0	
29	RETURN ON AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	0	0	0	0
30															
31	RETURN REQUIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
32															
33	PROGRAM TOTAL		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0
34															
35	**HOME ENERGY CHECK (20015932) (E)**														
36	INVESTMENT		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0
37	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
38	DEPRECIATION BASE		82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	
39															
40	DEPRECIATION EXPENSE (20% rate)		1,374	1,374	1,374	1,374	1,374	1,374	1,374	1,374	1,374	1,374	1,374	1,374	16,488
41															
42	CUMULATIVE INVESTMENT	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462
43	LESS: ACC. DEPRECIATION	13,762	15,136	16,510	17,884	19,258	20,632	22,006	23,380	24,754	26,128	27,502	28,876	30,250	30,250
44	NET INVESTMENT	68,700	67,326	65,952	64,578	63,204	61,830	60,456	59,082	57,708	56,334	54,960	53,586	52,212	52,212
45	AVERAGE INVESTMEMT		68,013	66,639	65,265	63,891	62,517	61,143	59,769	58,395	57,021	55,647	54,273	52,899	
46	RETURN ON AVERAGE INVESTMENT		405	397	388	381	373	364	356	348	339	331	324	315	4,321
47															
48	RETURN REQUIREMENTS		587	575	563	552	541	528	516	504	492	480	470	457	6,265
49															
50	PROGRAM TOTAL		$ 1,961	$ 1,949	$ 1,937	$ 1,926	$ 1,915	$ 1,902	$ 1,890	$ 1,878	$ 1,866	$ 1,854	$ 1,844	$ 1,831	$22,753

NOTES:
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.15% BASED ON MAY 2015 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

DUKE ENERGY FLORIDA
SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN
JANUARY 2016 - DECEMBER 2016

DOCKET NO. 150002-EG
DUKE ENERGY FLORIDA
LORI J. CROSS
EXHIBIT NO. _____ (LJC-1P)
SCHEDULE C-2
PAGE 5 OF 9

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	TOTAL
1	**BUSINESS ENERGY CHECK (20015936) (E)**														
2	INVESTMENT		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE		69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	
5															
6	DEPRECIATION EXPENSE (20% rate)		1,157	1,157	1,157	1,157	1,157	1,157	1,157	1,157	1,157	1,157	1,157	1,157	13,884
7															
8	CUMULATIVE INVESTMENT	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415
9	LESS: ACC. DEPRECIATION	37,581	38,738	39,895	41,052	42,209	43,366	44,523	45,680	46,837	47,994	49,151	50,308	51,465	51,465
10	NET INVESTMENT	31,834	30,677	29,520	28,363	27,206	26,049	24,892	23,735	22,578	21,421	20,264	19,107	17,950	17,950
11	AVERAGE INVESTMEMT		31,256	30,099	28,942	27,785	26,628	25,471	24,314	23,157	22,000	20,843	19,686	18,529	
12	RETURN ON AVERAGE INVESTMENT		186	179	172	166	159	152	145	138	131	124	117	110	1,779
13															
14	RETURN REQUIREMENTS		270	259	249	241	231	220	210	200	190	180	170	160	2,580
15															
16	PROGRAM TOTAL		$ 1,427	$ 1,416	$ 1,406	$ 1,398	$ 1,388	$ 1,377	$ 1,367	$ 1,357	$ 1,347	$ 1,337	$ 1,327	$ 1,317	$16,464
17															
18	**CONSERVATION PROGRAM ADMIN (20015935) (E)**														
19	INVESTMENT		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0
20	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
21	DEPRECIATION BASE		0	0	0	0	0	0	0	0	0	0	0	0	
22															
23	DEPRECIATION EXPENSE (20% rate)		0	0	0	0	0	0	0	0	0	0	0	0	0
24															
25	CUMULATIVE INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	LESS: ACC. DEPRECIATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	0	0	0	
29	RETURN ON AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	0	0	0	0
30															
31	RETURN REQUIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
32															
33	PROGRAM TOTAL		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0
34															
35	**TECH DEVELOPMENT (20015939) (E)**														
36	INVESTMENT		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0
37	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
38	DEPRECIATION BASE		0	0	0	0	0	0	0	0	0	0	0	0	
39															
40	DEPRECIATION EXPENSE (20% rate)		0	0	0	0	0	0	0	0	0	0	0	0	0
41															
42	CUMULATIVE INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	LESS: ACC. DEPRECIATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	AVERAGE INVESTMEMT		0	0	0	0	0	0	0	0	0	0	0	0	
46	RETURN ON AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	0	0	0	0
47															
48	RETURN REQUIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
49															
50	PROGRAM TOTAL		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0

NOTES:
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.15% BASED ON MAY 2015 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

DUKE ENERGY FLORIDA
SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN
JANUARY 2016 - DECEMBER 2016

DOCKET NO. 150002-EG
DUKE ENERGY FLORIDA
LORI J. CROSS
EXHIBIT NO. _____ (LJC-1P)
SCHEDULE C-2
PAGE 6 OF 9

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	TOTAL
1	**STANDBY GENERATION (20021332) (D)**														
2	INVESTMENT		$ 17,330	$ 17,330	$ 17,330	$ 17,330	$ 17,330	$ 17,330	$ 17,330	$ 17,330	$ 17,330	$ 17,330	$ 17,330	$ 17,330	$207,960
3	RETIREMENTS		0	176,498	0	126	4,000	0	10,800	0	0	0	0	0	191,425
4	DEPRECIATION BASE		374,715	303,796	232,877	250,144	265,411	280,741	292,671	304,600	321,930	339,260	356,590	373,920	
5															
6	DEPRECIATION EXPENSE (20% rate)		6,245	5,063	3,881	4,169	4,424	4,679	4,878	5,077	5,366	5,654	5,943	6,232	61,611
7															
8	CUMULATIVE INVESTMENT	366,050	383,380	224,212	241,542	258,746	272,076	289,406	295,935	313,265	330,595	347,925	365,255	382,585	382,585
9	LESS: ACC. DEPRECIATION	286,802	293,047	121,612	125,493	129,536	129,960	134,639	128,716	133,793	139,159	144,813	150,756	156,988	156,988
10	NET INVESTMENT	79,248	90,333	102,600	116,049	129,210	142,116	154,767	167,219	179,472	191,436	203,112	214,499	225,597	225,597
11	AVERAGE INVESTMENT		84,791	96,467	109,325	122,630	135,663	148,442	160,993	173,346	185,454	197,274	208,806	220,048	
12	RETURN ON AVERAGE INVESTMENT		505	575	651	730	809	884	959	1,033	1,105	1,176	1,244	1,311	10,982
13															
14	RETURN REQUIREMENTS		732	834	944	1,058	1,173	1,282	1,390	1,498	1,602	1,705	1,804	1,901	15,923
15															
16	PROGRAM TOTAL		$ 6,977	$ 5,897	$ 4,825	$ 5,227	$ 5,597	$ 5,961	$ 6,268	$ 6,575	$ 6,968	$ 7,359	$ 7,747	$ 8,133	$77,534
17															
18	**INTERRUPTIBLE SERVICE (20015941) (D)**														
19	INVESTMENT		$ 10,500	$ 0	$ 0	$ 10,500	$ 0	$ 0	$ 10,500	$ 0	$ 0	$ 10,500	$ 0	$ 0	$42,000
20	RETIREMENTS		78,111	0	39	0	0	0	0	0	0	0	0	0	78,150
21	DEPRECIATION BASE		71,164	37,358	37,338	42,569	47,819	47,819	53,069	58,319	58,319	63,569	68,819	68,819	
22															
23	DEPRECIATION EXPENSE (20% rate)		1,186	623	622	709	797	797	884	972	972	1,059	1,147	1,147	10,915
24															
25	CUMULATIVE INVESTMENT	104,969	37,358	37,358	37,319	47,819	47,819	47,819	58,319	58,319	58,319	68,819	68,819	68,819	68,819
26	LESS: ACC. DEPRECIATION	80,848	3,923	4,546	5,129	5,838	6,635	7,432	8,316	9,288	10,260	11,319	12,466	13,613	13,613
27	NET INVESTMENT	24,121	33,435	32,812	32,190	41,981	41,184	40,387	50,003	49,031	48,059	57,500	56,353	55,206	55,206
28	AVERAGE INVESTMEMT		28,778	33,123	32,501	37,085	41,582	40,785	45,195	49,517	48,545	52,779	56,926	55,779	
29	RETURN ON AVERAGE INVESTMENT		172	197	194	221	247	243	269	295	289	314	339	332	3,112
30															
31	RETURN REQUIREMENTS		249	286	281	320	358	352	390	428	419	455	492	481	4,511
32															
33	PROGRAM TOTAL		$ 1,435	$ 909	$ 903	$ 1,029	$ 1,155	$ 1,149	$ 1,274	$ 1,400	$ 1,391	$ 1,514	$ 1,639	$ 1,628	$15,426
34															
35	**PHOTOVOLTAIC FOR SCHOOLS PILOT (20084917) (E)**														
36	INVESTMENT		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0
37	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
38	DEPRECIATION BASE		0	0	0	0	0	0	0	0	0	0	0	0	
39															
40	DEPRECIATION EXPENSE (20% rate)		0	0	0	0	0	0	0	0	0	0	0	0	0
41															
42	CUMULATIVE INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	LESS: ACC. DEPRECIATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	0	0	0	
46	RETURN ON AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	0	0	0	0
47															
48	RETURN REQUIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
49															
50	PROGRAM TOTAL		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0

NOTES:
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.15% BASED ON MAY 2015 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

DUKE ENERGY FLORIDA
SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN
JANUARY 2016 - DECEMBER 2016

DOCKET NO. 150002-EG
DUKE ENERGY FLORIDA
LORI J. CROSS
EXHIBIT NO. _____ (LJC-1P)
SCHEDULE C-2

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	TOTAL
1	**RESIDENTIAL ENERGY MANAGEMENT - SUMMARY (ITEMIZED BELOW)**														
2	EXPENDITURES BOOKED DIRECTLY TO PLANT		$ 641,291	$ 641,291	$ 641,339	$ 641,604	$ 641,604	$ 641,604	$ 641,604	$ 641,604	$ 641,604	$ 641,604	$ 641,604	$ 641,604	$7,698,355
3	RETIREMENTS		210,012	240,012	282,790	236,598	248,366	441,577	254,999	314,133	125,163	59,975	89,024	91,903	2,594,554
4	INVESTMENTS BOOKED TO CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
5	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	0
6	DEPRECIATION BASE		68,405,262	68,821,542	69,201,456	69,583,234	69,982,355	70,278,987	70,572,302	70,929,340	71,351,295	71,900,330	72,467,434	73,018,574	
7															
8	DEPRECIATION EXPENSE (itemized below)		823,513	830,451	836,783	843,146	849,798	854,742	859,631	865,581	872,614	881,764	891,216	900,402	10,309,641
9															
10	CUMULATIVE PLANT INVEST.	68,189,622	68,620,902	69,022,181	69,380,730	69,785,736	70,178,974	70,379,000	70,765,604	71,093,074	71,609,515	72,191,143	72,743,723	73,293,423	73,293,423
11	LESS: ACC. DEPRECIATION	14,345,196	14,958,697	15,549,136	16,103,129	16,709,677	17,311,109	17,724,274	18,328,905	18,880,353	19,627,804	20,449,593	21,251,784	22,060,284	22,060,284
12	CUMULATIVE CWIP INVEST.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	NET PLANT INVESTMENT	53,844,426	53,662,205	53,473,045	53,277,601	53,076,059	52,867,865	52,654,726	52,436,699	52,212,721	51,981,711	51,741,551	51,491,938	51,233,140	51,233,140
14	AVERAGE INVESTMENT		53,753,315	53,567,625	53,375,323	53,176,830	52,971,962	52,761,295	52,545,712	52,324,710	52,097,216	51,861,631	51,616,744	51,362,539	
15	RETURN ON AVG. INVEST.		320,283	319,178	318,031	316,849	315,627	314,372	313,089	311,772	310,417	309,011	307,552	306,039	3,762,220
16															
17	RETURN REQUIREMENTS		464,315	462,712	461,050	459,336	457,565	455,746	453,886	451,976	450,013	447,973	445,860	443,665	$5,454,097
18															
19	PROGRAM TOTAL		$ 1,287,828	$ 1,293,163	$ 1,297,833	$ 1,302,482	$ 1,307,363	$ 1,310,488	$ 1,313,517	$ 1,317,557	$ 1,322,627	$ 1,329,737	$ 1,337,076	$ 1,344,067	$ 15,763,738
20															
21	**RESIDENTIAL ENERGY MANAGEMENT - NGDR HARDWARE FOR ODS, LMS, APPDEV. ALSO INCLUDES NGDR TELECOM. (D)**														
22	EXPENDITURES BOOKED DIRECTLY TO PLANT		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0
23	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
24	INVESTMENTS BOOKED TO CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
25	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	0
26	DEPRECIATION BASE		10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	
27															
28	DEPRECIATION EXPENSE		123,422	123,422	123,422	123,422	123,422	123,422	123,422	123,422	123,422	123,422	123,422	123,422	1,481,064
29															
30	CUMULATIVE PLANT INVEST.	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391
31	LESS: ACC. DEPRECIATION	3,005,239	3,128,661	3,252,083	3,375,505	3,498,927	3,622,349	3,745,771	3,869,193	3,992,615	4,116,037	4,239,459	4,362,881	4,486,303	4,486,303
32	CUMULATIVE CWIP INVEST.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	NET PLANT INVESTMENT	7,582,152	7,458,730	7,335,308	7,211,886	7,088,464	6,965,042	6,841,620	6,718,198	6,594,776	6,471,354	6,347,932	6,224,510	6,101,088	6,101,088
34	AVERAGE INVESTMENT		7,520,441	7,397,019	7,273,597	7,150,175	7,026,753	6,903,331	6,779,909	6,656,487	6,533,065	6,409,643	6,286,221	6,162,799	
35	RETURN ON AVG. INVEST.		44,809	44,075	43,339	42,604	41,868	41,132	40,398	39,662	38,927	38,191	37,455	36,721	489,181
36															
37	RETURN REQUIREMENTS		64,960	63,895	62,828	61,763	60,696	59,629	58,565	57,498	56,433	55,366	54,299	53,234	$709,166
38															
39	PROGRAM TOTAL		$ 188,382	$ 187,317	$ 186,250	$ 185,185	$ 184,118	$ 183,051	$ 181,987	$ 180,920	$ 179,855	$ 178,788	$ 177,721	$ 176,656	$ 2,190,230

NOTES:
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.15% BASED ON MAY 2015 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%
- DEPRECIATION EXPENSE IN LINE 28 IS CALCULATED USING A BLENDED RATE.

DUKE ENERGY FLORIDA
SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN
JANUARY 2016 - DECEMBER 2016

DOCKET NO. 150002-EG
DUKE ENERGY FLORIDA
LORI J. CROSS
EXHIBIT NO. _____ (LJC-1P)
SCHEDULE C-2

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	TOTAL
1	**RESIDENTIAL ENERGY MANAGEMENT - NGDR SOFTWARE FOR ODS, LMS, APPDEV (D)**														
2	EXPENDITURES BOOKED DIRECTLY TO PLANT		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
4	INVESTMENTS BOOKED TO CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
5	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	0
6	DEPRECIATION BASE		18,503,462	18,503,462	18,503,462	18,503,462	18,503,462	18,503,462	18,503,462	18,503,462	18,503,462	18,503,462	18,503,462	18,503,462	
7															
8	DEPRECIATION EXPENSE (20% rate)		308,392	308,392	308,392	308,392	308,392	308,392	308,392	308,392	308,392	308,392	308,392	308,392	3,700,704
9															
10	CUMULATIVE PLANT INVEST.	18,503,462	18,503,462	18,503,462	18,503,462	18,503,462	18,503,462	18,503,462	18,503,462	18,503,462	18,503,462	18,503,462	18,503,462	18,503,462	18,503,462
11	LESS: ACC. DEPRECIATION	3,072,755	3,381,147	3,689,539	3,997,931	4,306,323	4,614,715	4,923,107	5,231,499	5,539,891	5,848,283	6,156,675	6,465,067	6,773,459	6,773,459
12	CUMULATIVE CWIP INVEST.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	NET PLANT INVESTMENT	15,430,707	15,122,315	14,813,923	14,505,531	14,197,139	13,888,747	13,580,355	13,271,963	12,963,571	12,655,179	12,346,787	12,038,395	11,730,003	11,730,003
14	AVERAGE INVESTMENT		15,276,511	14,968,119	14,659,727	14,351,335	14,042,943	13,734,551	13,426,159	13,117,767	12,809,375	12,500,983	12,192,591	11,884,199	
15	RETURN ON AVG. INVEST.		91,023	89,186	87,349	85,511	83,673	81,836	79,998	78,161	76,324	74,486	72,648	70,810	971,005
16															
17	RETURN REQUIREMENTS		131,956	129,293	126,630	123,965	121,301	118,638	115,973	113,310	110,647	107,982	105,318	102,653	$1,407,666
18															
19	PROGRAM TOTAL		$ 440,348	$ 437,685	$ 435,022	$ 432,357	$ 429,693	$ 427,030	$ 424,365	$ 421,702	$ 419,039	$ 416,374	$ 413,710	$ 411,045	$ 5,108,370
20															
21	**RESIDENTIAL ENERGY MANAGEMENT - NGDR AMI METERS (D)**														
22	EXPENDITURES BOOKED DIRECTLY TO PLANT		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0
23	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
24	INVESTMENTS BOOKED TO CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
25	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	0
26	DEPRECIATION BASE		22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	
27															
28	DEPRECIATION EXPENSE (5.97% rate)		112,142	112,142	112,142	112,142	112,142	112,142	112,142	112,142	112,142	112,142	112,142	112,142	1,345,704
29															
30	CUMULATIVE PLANT INVEST.	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012
31	LESS: ACC. DEPRECIATION	3,860,807	3,972,949	4,085,091	4,197,233	4,309,375	4,421,517	4,533,659	4,645,801	4,757,943	4,870,085	4,982,227	5,094,369	5,206,511	5,206,511
32	CUMULATIVE CWIP INVEST.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	NET PLANT INVESTMENT	18,680,205	18,568,063	18,455,921	18,343,779	18,231,637	18,119,495	18,007,353	17,895,211	17,783,069	17,670,927	17,558,785	17,446,643	17,334,501	17,334,501
34	AVERAGE INVESTMENT		18,624,134	18,511,992	18,399,850	18,287,708	18,175,566	18,063,424	17,951,282	17,839,140	17,726,998	17,614,856	17,502,714	17,390,572	
35	RETURN ON AVG. INVEST.		110,970	110,302	109,634	108,965	108,298	107,629	106,961	106,292	105,625	104,956	104,288	103,620	1,287,540
36															
37	RETURN REQUIREMENTS		160,874	159,905	158,937	157,967	157,000	156,030	155,062	154,092	153,125	152,155	151,187	150,218	$1,866,552
38															
39	PROGRAM TOTAL		$ 273,016	$ 272,047	$ 271,079	$ 270,109	$ 269,142	$ 268,172	$ 267,204	$ 266,234	$ 265,267	$ 264,297	$ 263,329	$ 262,360	$ 3,212,256

NOTES:
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.15% BASED ON MAY 2015 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

DUKE ENERGY FLORIDA
SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN
JANUARY 2016 - DECEMBER 2016

DOCKET NO. 150002-EG
DUKE ENERGY FLORIDA
LORI J. CROSS
EXHIBIT NO. _____ (LJC-1P)
SCHEDULE C-2

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	TOTAL
1	**RESIDENTIAL ENERGY MANAGEMENT - NON-NGDR RESIDENTIAL PROJECTS (D)**														
2	EXPENDITURES BOOKED DIRECTLY TO PLANT		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0
3	RETIREMENTS		0	25,172	0	0	0	0	1,271	0	0	0	0	0	26,443
4	INVESTMENTS BOOKED TO CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
5	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	0
6	DEPRECIATION BASE		102,406	89,820	77,234	77,234	77,234	77,234	76,598	75,963	75,963	75,963	75,963	75,963	
7															
8	DEPRECIATION EXPENSE (20% rate)		1,707	1,497	1,287	1,287	1,287	1,287	1,277	1,266	1,266	1,266	1,266	1,266	15,959
9															
10	CUMULATIVE PLANT INVEST.	102,406	102,406	77,234	77,234	77,234	77,234	77,234	75,963	75,963	75,963	75,963	75,963	75,963	75,963
11	LESS: ACC. AMORT.	76,415	78,122	54,447	55,734	57,021	58,308	59,595	59,601	60,867	62,133	63,399	64,665	65,931	65,931
12	CUMULATIVE CWIP INVEST.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	NET PLANT INVESTMENT	25,991	24,284	22,787	21,500	20,213	18,926	17,639	16,362	15,096	13,830	12,564	11,298	10,032	10,032
14	AVERAGE INVESTMENT		25,137	23,535	22,143	20,856	19,569	18,282	17,000	15,729	14,463	13,197	11,931	10,665	
15	RETURN ON AVG. INVEST.		150	140	131	124	116	109	102	94	86	78	71	64	1,265
16															
17	RETURN REQUIREMENTS		217	203	190	180	168	158	148	136	125	113	103	93	1,834
18															
19	PROGRAM TOTAL		$ 1,924	$ 1,700	$ 1,477	$ 1,467	$ 1,455	$ 1,445	$ 1,425	$ 1,402	$ 1,391	$ 1,379	$ 1,369	$ 1,359	$17,793
20															
21	**RESIDENTIAL ENERGY MANAGEMENT - LOAD MANAGEMENT SWITCHES (9080120) (D)**														
22	EXPENDITURES BOOKED DIRECTLY TO PLANT		641,291	641,291	641,339	641,604	641,604	641,604	641,604	641,604	641,604	641,604	641,604	641,604	$7,698,355
23	RETIREMENTS		210,012	214,840	282,790	236,598	248,366	441,577	253,728	314,133	125,163	59,975	89,024	91,903	2,568,110
24	INVESTMENTS BOOKED TO CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
25	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	0
26	AMORTIZATION BASE		16,670,991	17,099,857	17,492,357	17,874,135	18,273,256	18,569,888	18,863,839	19,221,512	19,643,467	20,192,502	20,759,606	21,310,746	
27															
28	AMORTIZATION EXPENSE (20% rate)		277,850	284,998	291,540	297,903	304,555	309,499	314,398	320,359	327,392	336,542	345,994	355,180	3,766,210
29															
30	CUMULATIVE PLANT INVEST.	16,455,352	16,886,631	17,313,083	17,671,632	18,076,637	18,469,875	18,669,901	19,057,777	19,385,247	19,901,688	20,483,316	21,035,896	21,585,596	21,585,596
31	LESS: ACC. AMORT.	4,329,980	4,397,818	4,467,976	4,476,726	4,538,031	4,594,220	4,462,142	4,522,812	4,529,037	4,731,266	5,007,833	5,264,803	5,528,080	5,528,080
32	CUMULATIVE CWIP INVEST.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	NET PLANT INVESTMENT	12,125,372	12,488,813	12,845,106	13,194,906	13,538,606	13,875,655	14,207,759	14,534,965	14,856,210	15,170,421	15,475,483	15,771,093	16,057,516	16,057,516
34	AVERAGE INVESTMENT		12,307,092	12,666,960	13,020,006	13,366,756	13,707,131	14,041,707	14,371,362	14,695,587	15,013,315	15,322,952	15,623,288	15,914,304	
35	RETURN ON AVG. INVEST.		73,331	75,475	77,578	79,645	81,672	83,666	85,630	87,563	89,455	91,300	93,090	94,824	1,013,229
36															
37	RETURN REQUIREMENTS		106,308	109,416	112,465	115,461	118,400	121,291	124,138	126,940	129,683	132,357	134,953	137,467	1,468,879
38															
39	PROGRAM TOTAL		$ 384,158	$ 394,414	$ 404,005	$ 413,364	$ 422,955	$ 430,790	$ 438,536	$ 447,299	$ 457,075	$ 468,899	$ 480,947	$ 492,647	$5,235,089
40															
41	**SUMMARY OF DEMAND & ENERGY:**														
42															
43	ENERGY		3,695	3,365	3,343	3,324	3,303	3,279	3,257	3,235	3,213	3,191	3,171	3,148	39,524
44	DEMAND		1,296,240	1,299,969	1,303,561	1,308,738	1,314,115	1,317,598	1,321,059	1,325,532	1,330,986	1,338,610	1,346,462	1,353,828	15,856,698
45	TOTAL DEPRECIATION AND RETURN		1,299,935	1,303,334	1,306,904	1,312,062	1,317,418	1,320,877	1,324,316	1,328,767	1,334,199	1,341,801	1,349,633	1,356,976	15,896,222

NOTES:
- RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.15% BASED ON MAY 2015 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

DOCKET NO. 150002-EG
DUKE ENERGY FLORIDA
LORI J. CROSS
EXHIBIT NO. _____ (LJC-1P)
SCHEDULE C - 3

DUKE ENERGY FLORIDA
CONSERVATION PROGRAM COSTS
JANUARY through JULY, 2015 ACTUAL
AUGUST through DECEMBER, 2015 ESTIMATED

LINE NO.	PROGRAM TITLE	DEPRECIATION AMORTIZATION & RETURN	OPERATING AND MAINTENANCE COSTS							PROGRAM REVENUES (CREDITS)	TOTAL
			PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER		
1	BETTER BUSINESS										
2	A. ACTUAL	$3,670	$515,975	$1,641	$23,245	$14,637	$3,661	$722,073	$6,876	$0	$1,291,778
3	B. ESTIMATED	1,939	339,962	1,385	38,637	6,306	71,339	487,560	4,792	0	951,920
4											
5	C. TOTAL	$5,609	$855,937	$3,026	$61,882	$20,943	$75,000	$1,209,633	$11,668	$0	$2,243,698
6											
7	RESIDENTIAL NEW CONSTRUCTION										
8	A. ACTUAL	$0	$464,558	$6,650	$14,472	$4,056	$10,771	$1,934,679	$56,187	$0	$2,491,373
9	B. ESTIMATED	0	350,250	3,584	4,853	1,355	3,461	1,835,621	29,961	0	2,229,084
10											
11	C. TOTAL	$0	$814,809	$10,234	$19,324	$5,411	$14,232	$3,770,300	$86,148	$0	$4,720,458
12											
13	HOME ENERGY IMPROVEMENT										
14	A. ACTUAL	$268	$630,822	$22,801	$48,727	$5,191	$22,634	$1,867,256	$25,616	$0	$2,623,316
15	B. ESTIMATED	0	385,493	2,488	35,155	0	11,758	1,122,297	20,333	0	1,577,523
16											
17	C. TOTAL	$268	$1,016,314	$25,289	$83,882	$5,191	$34,392	$2,989,554	$45,949	$0	$4,200,839
18											
19	C/I NEW CONSTRUCTION										
20	A. ACTUAL	$0	$151,762	$56	$0	$14,515	$0	$49,296	$2,318	$0	$217,946
21	B. ESTIMATED	0	102,943	55	7,809	6,744	0	240,262	1,965	0	359,778
22											
23	C. TOTAL	$0	$254,705	$111	$7,809	$21,259	$0	$289,557	$4,283	$0	$577,724
24											
25	HOME ENERGY CHECK										
26	A. ACTUAL	$11,502	$1,646,393	$50,473	$27,100	$55,117	$41,079	$0	$24,909	$0	$1,856,573
27	B. ESTIMATED	7,988	1,108,251	27,160	0	371,348	87,619	79,246	20,818	0	1,702,429
28											
29	C. TOTAL	$19,490	$2,754,644	$77,632	$27,100	$426,465	$128,698	$79,246	$45,727	$0	$3,559,002
30											
31	LOW INCOME										
32	A. ACTUAL	$0	$67,838	$0	$0	$0	$16,000	$46,891	$4,041	$0	$134,770
33	B. ESTIMATED	0	44,913	0	0	0	14,954	63,436	5,740	0	129,042
34											
35	C. TOTAL	$0	$112,751	$0	$0	$0	$30,954	$110,327	$9,781	$0	$263,812

DUKE ENERGY FLORIDA
CONSERVATION PROGRAM COSTS
JANUARY through JULY, 2015 ACTUAL
AUGUST through DECEMBER, 2015 ESTIMATED

LINE NO.	PROGRAM TITLE	DEPRECIATION AMORTIZATION & RETURN	OPERATING AND MAINTENANCE COSTS							PROGRAM REVENUES (CREDITS)	TOTAL
			PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER		
1	RENEWABLE ENERGY SAVER										
2	A. ACTUAL	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
3	B. ESTIMATED	0	0	0	0	0	0	0	0	0	0
4											
5	C. TOTAL	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
6											
7	NEIGHBORHOOD ENERGY SAVER										
8	A. ACTUAL	$0	$122,726	$385	$88,305	$1,694	$44,378	$254,291	$14,245	$0	$526,023
9	B. ESTIMATED	0	86,458	382	156,717	11,600	0	549,168	14,244	0	818,569
10											
11	C. TOTAL	$0	$209,185	$767	$245,022	$13,294	$44,378	$803,459	$28,489	$0	$1,344,592
12											
13	BUSINESS ENERGY CHECK										
14	A. ACTUAL	$10,978	$252,663	$13,229	$27,000	$15,312	$378	$0	$13,238	$0	$332,797
15	B. ESTIMATED	7,521	170,229	3,080	138,732	14,486	4,622	0	167	0	338,837
16											
17	C. TOTAL	$18,499	$422,892	$16,309	$165,732	$29,798	$5,000	$0	$13,404	$0	$671,635
18											
19	QUALIFYING FACILITY										
20	A. ACTUAL	$0	$479,481	$3,715	$5,650	$312	$0	$0	$7,851	$0	$497,009
21	B. ESTIMATED	0	338,405	3,804	8,163	710	0	0	8,474	0	359,556
22											
23	C. TOTAL	$0	$817,886	$7,518	$13,813	$1,022	$0	$0	$16,325	$0	$856,564
24											
25	INNOVATION INCENTIVE										
26	A. ACTUAL	$0	$30,683	$253	$1,871	$29	$0	$300	$806	$0	$33,941
27	B. ESTIMATED	0	22,869	0	41,058	0	0	84,926	570	0	149,423
28											
29	C. TOTAL	$0	$53,552	$253	$42,928	$29	$0	$85,226	$1,376	$0	$183,364
30											
31	TECHNOLOGY DEVELOPMENT										
32	A. ACTUAL	$401	$50,749	$998	$31,844	$8,450	$0	$0	$5,281	$0	$97,723
33	B. ESTIMATED	0	168,653	0	161,707	88,500	0	0	30,818	0	449,678
34											
35	C. TOTAL	$401	$219,401	$998	$193,551	$96,950	$0	$0	$36,099	$0	$547,401

DUKE ENERGY FLORIDA
CONSERVATION PROGRAM COSTS
JANUARY through JULY, 2015 ACTUAL
AUGUST through DECEMBER, 2015 ESTIMATED

LINE NO.	PROGRAM TITLE	DEPRECIATION AMORTIZATION & RETURN	OPERATING AND MAINTENANCE COSTS							PROGRAM REVENUES (CREDITS)	TOTAL
			PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER		
1	STANDBY GENERATION										
2	A. ACTUAL	$50,570	$90,197	$5,437	$14,140	$42,077	$0	$3,879,822	$5,655	$0	$4,087,897
3	B. ESTIMATED	34,585	24,987	1,889	1,963	7,860	0	2,420,666	4,219	0	2,496,168
4											
5	C. TOTAL	$85,155	$115,184	$7,326	$16,102	$49,936	$0	$6,300,488	$9,873	$0	$6,584,065
6											
7	INTERRUPT LOAD MANAGEMENT										
8	A. ACTUAL	$10,786	$44,715	$433	$3,364	$39,805	$0	$17,759,688	$1,320	$0	$17,860,112
9	B. ESTIMATED	9,235	15,876	1,392	1,585	27	0	12,645,872	3,885	0	12,677,872
10											
11	C. TOTAL	$20,021	$60,591	$1,824	$4,949	$39,832	$0	$30,405,560	$5,205	$0	$30,537,983
12											
13	CURTAIL LOAD MANAGEMENT										
14	A. ACTUAL	$0	$0	$0	$0	$0	$0	$923,221	$0	$0	$923,221
15	B. ESTIMATED	0	0	0	0	0	0	528,055	0	0	528,055
16											
17	C. TOTAL	$0	$0	$0	$0	$0	$0	$1,451,275	$0	$0	$1,451,275
18											
19	RESIDENTIAL ENERGY MANAGEMENT INC. NGDR & LOAD MANAGEMENT SWITCHES										
20	A. ACTUAL	$6,280,321	$836,840	$23,916	$1,103,619	$368,031	$7,702	$13,054,111	$34,577	$0	$21,709,117
21	B. ESTIMATED	5,142,263	338,033	1,236	1,473,599	1,871,612	499,404	10,716,026	48,693	0	20,090,866
22											
23	C. TOTAL	$11,422,584	$1,174,873	$25,152	$2,577,218	$2,239,643	$507,105	$23,770,137	$83,270	$0	$41,799,983
24											
25	COMMMERCIAL LOAD MANAGEMENT										
26	A. ACTUAL	$0	$174	$0	$0	$0	$0	$311,823	$0	$0	$311,997
27	B. ESTIMATED	0	0	0	0	0	0	250,761	0	0	250,761
28											
29	C. TOTAL	$0	$174	$0	$0	$0	$0	$562,584	$0	$0	$562,758
30											
31	CONSERVATION PROGRAM ADMIN										
32	A. ACTUAL	$2,630	$1,877,475	$41,907	$395,317	$137,870	$0	$0	$140,139	$0	$2,595,337
33	B. ESTIMATED	0	1,328,395	37,262	263,128	91,081	0	0	38,723	0	1,758,588
34											
35	C. TOTAL	$2,630	$3,205,870	$79,169	$658,444	$228,950	$0	$0	$178,862	$0	$4,353,926

DOCKET NO. 150002-EG
DUKE ENERGY FLORIDA
LORI J. CROSS
EXHIBIT NO. _____ (LJC-1P)
SCHEDULE C - 3
PAGE 4 OF 12

DUKE ENERGY FLORIDA
CONSERVATION PROGRAM COSTS
JANUARY through JULY, 2015 ACTUAL
AUGUST through DECEMBER, 2015 ESTIMATED

LINE NO.	PROGRAM TITLE	DEPRECIATION AMORTIZATION & RETURN	OPERATING AND MAINTENANCE COSTS							PROGRAM REVENUES (CREDITS)	TOTAL
			PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER		
1	SOLAR WATER HEATING WITH EM										
2	A. ACTUAL	$0	$20,404	$0	$545	$607	$0	$82,744	$980	$0	$105,281
3	B. ESTIMATED	0	10,535	0	1,897	0	0	33,799	406	0	46,637
4											
5	C. TOTAL	$0	$30,939	$0	$2,442	$607	$0	$116,544	$1,386	$0	$151,918
6											
7	RESIDENTIAL SOLAR PHOTOVOLTAIC										
8	A. ACTUAL	$0	$61,173	$441	$935	$38	$0	$2,039,574	$9,415	$0	$2,111,576
9	B. ESTIMATED	0	52,647	205	2,399	0	0	602,572	0	0	657,824
10											
11	C. TOTAL	$0	$113,821	$646	$3,334	$38	$0	$2,642,146	$9,415	$0	$2,769,399
12											
13	SOLAR WATER HEAT LOW INCOME RES										
14	A. ACTUAL	$0	$11,145	$163	$273	$18	$0	$9,212	$863	$0	$21,674
15	B. ESTIMATED	0	7,594	162	5,489	0	0	100,126	534	0	113,905
16											
17	C. TOTAL	$0	$18,739	$325	$5,762	$18	$0	$109,338	$1,397	$0	$135,579
18											
19	COMMERCIAL SOLAR PHOTOVOLTAIC										
20	A. ACTUAL	$0	$18,744	$0	$10	$9	$0	$316,980	$1,280	$0	$337,024
21	B. ESTIMATED	0	14,401	0	6,450	0	0	1,076,421	502	0	1,097,774
22											
23	C. TOTAL	$0	$33,144	$0	$6,461	$9	$0	$1,393,401	$1,783	$0	$1,434,798
24											
25	PHOTOVOLTAIC FOR SCHOOLS										
26	A. ACTUAL	$0	$21,189	$0	$2,419	$3,206	$1,397	$209,841	$5,341	$0	$243,392
27	B. ESTIMATED	0	21,617	0	4,936	2,538	0	1,341,223	5,850	0	1,376,164
28											
29	C. TOTAL	$0	$42,805	$0	$7,355	$5,744	$1,397	$1,551,064	$11,190	$0	$1,619,556
30											
31	RESEARCH AND DEMONSTRATION										
32	A. ACTUAL	$0	$6,930	$169	$10,000	$0	$0	$0	$411	$0	$17,509
33	B. ESTIMATED	0	23,085	170	27,826	15,000	0	0	4,235	0	70,316
34											
35	C. TOTAL	$0	$30,015	$339	$37,826	$15,000	$0	$0	$4,646	$0	$87,826
36											
37	TOTAL ALL PROGRAMS	$ 11,574,657	$ 12,358,231	$ 256,919	$ 4,180,936	$ 3,200,141	$ 841,155	$ 77,639,838	$ 606,277	$0	$ 110,658,154

DUKE ENERGY FLORIDA
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2015 THROUGH DECEMBER 2015

LINE NO.		BEGINNING BALANCE	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	TOTAL
1	**BETTER BUSINESS (20015937) (E)**														
2	INVESTMENTS		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
3	RETIREMENTS		24,059	0	0	0	0	0	0	0	0	0	16,976	0	41,035
4	DEPRECIATION BASE		39,825	27,796	27,796	27,796	27,796	27,796	27,796	27,796	27,796	27,796	19,308	10,820	
5															
6	DEPRECIATION EXPENSE (20% rate)		664	463	463	463	463	463	463	463	463	463	322	180	5,333
7															
8	CUMM. NET INVEST	51,855	27,796	27,796	27,796	27,796	27,796	27,796	27,796	27,796	27,796	27,796	10,820	10,820	10,820
9	LESS: ACC. NET DEPR	46,217	22,822	23,285	23,748	24,211	24,674	25,137	25,600	26,063	26,526	26,989	10,335	10,515	10,515
10	NET INVESTMENT	5,638	4,974	4,511	4,048	3,585	3,122	2,659	2,196	1,733	1,270	807	485	305	305
11	AVERAGE INVESTMENT		5,306	4,742	4,279	3,816	3,353	2,890	2,427	1,964	1,501	1,038	646	395	
12	RETURN ON AVG INVEST		31	28	25	22	20	17	14	11	9	6	4	3	190
13															
14	RETURN REQUIREMENTS		45	41	36	32	29	25	20	16	13	9	6	4	276
15															
16	PROGRAM TOTAL		$709	$504	$499	$495	$492	$488	$483	$479	$476	$472	$328	$184	$5,609
17															
18	**HOME ENERGY IMPROVEMENT (20015934) (E)**														
19	INVESTMENTS		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
20	RETIREMENTS		28,783	0	0	0	0	0	0	0	0	0	0	0	28,783
21	DEPRECIATION BASE		14,392	0	0	0	0	0	0	0	0	0	0	0	
22															
23	DEPRECIATION EXPENSE (20% rate)		267	0	0	0	0	0	0	0	0	0	0	0	267
24															
25	CUMM. NET INVEST	28,783	0	0	0	0	0	0	0	0	0	0	0	0	0
26	LESS: ACC. NET DEPR	28,517	0	0	0	0	0	0	0	0	0	0	0	0	0
27	NET INVESTMENT	267	0	0	0	0	0	0	0	0	0	0	0	0	0
28	AVERAGE INVESTMENT		133	0	0	0	0	0	0	0	0	0	0	0	
29	RETURN ON AVG INVEST		1	0	0	0	0	0	0	0	0	0	0	0	1
30															
31	RETURN REQUIREMENTS		2	0	0	0	0	0	0	0	0	0	0	0	2
32															
33	PROGRAM TOTAL		$269	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$269
34															
35	**HOME ENERGY CHECK (20015932) (E)**														
36	INVESTMENTS		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
37	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
38	DEPRECIATION BASE		82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	
39															
40	DEPRECIATION EXPENSE (14.3% rate)		983	983	983	983	983	983	983	983	983	983	983	983	11,796
41															
42	CUMM. NET INVEST	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462
43	LESS: ACC. NET DEPR	1,966	2,949	3,932	4,915	5,898	6,881	7,864	8,847	9,830	10,813	11,796	12,779	13,762	13,762
44	NET INVESTMENT	80,496	79,513	78,530	77,547	76,564	75,581	74,598	73,615	72,632	71,649	70,666	69,683	68,700	68,700
45	AVERAGE INVESTMENT		80,004	79,021	78,038	77,055	76,072	75,089	74,106	73,123	72,140	71,157	70,174	69,191	
46	RETURN ON AVG INVEST		472	467	460	454	449	443	441	436	430	424	418	412	5,306
47															
48	RETURN REQUIREMENTS		685	677	667	659	651	643	639	632	623	615	606	597	7,694
49															
50	PROGRAM TOTAL		$1,668	$1,660	$1,650	$1,642	$1,634	$1,626	$1,622	$1,615	$1,606	$1,598	$1,589	$1,580	$19,490

NOTES:
- JAN-JUN RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.08% BASED ON MAY 2014 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- JUL-DEC RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.15% BASED ON MAY 2015 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

DUKE ENERGY FLORIDA
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2015 THROUGH DECEMBER 2015

LINE NO.		BEGINNING BALANCE	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	TOTAL
1	**BUSINESS ENERGY CHECK (20015936) (E)**														
2	INVESTMENTS		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	3,085	3,085
4	DEPRECIATION BASE		72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	70,957	
5															
6	DEPRECIATION EXPENSE (20% rate)		1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,183	14,471
7															
8	CUMM. NET INVEST	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	69,415	69,415
9	LESS: ACC. NET DEPR	26,194	27,402	28,610	29,818	31,026	32,234	33,442	34,650	35,858	37,066	38,274	39,482	37,581	37,581
10	NET INVESTMENT	46,305	45,097	43,889	42,681	41,473	40,265	39,057	37,849	36,641	35,433	34,225	33,017	31,834	31,834
11	AVERAGE INVESTMENT		45,701	44,493	43,285	42,077	40,869	39,661	38,453	37,245	36,037	34,829	33,621	32,426	
12	RETURN ON AVG INVEST		269	262	255	248	241	234	229	222	215	208	200	193	2,776
13															
14	RETURN REQUIREMENTS		390	380	370	360	350	340	332	322	312	302	290	280	4,028
15															
16	PROGRAM TOTAL		$1,598	$1,588	$1,578	$1,568	$1,558	$1,548	$1,540	$1,530	$1,520	$1,510	$1,498	$1,463	$18,499
17															
18	**ENERGY CONSERVATION ADMIN (20015935) (E)**														
19	INVESTMENTS		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
20	RETIREMENTS		0	0	0	0	31,366	0	0	$0	$0	$0	$0	$0	31,366
21	DEPRECIATION BASE		31,366	31,366	31,366	31,366	15,683	0	0	0	0	0	0	0	
22															
23	DEPRECIATION EXPENSE (20% rate)		523	523	523	523	484	0	0	0	0	0	0	0	2,576
24															
25	CUMM. NET INVEST	31,366	31,366	31,366	31,366	31,366	0	0	0	0	0	0	0	0	0
26	LESS: ACC. NET DEPR	28,790	29,313	29,836	30,359	30,882	0	0	0	0	0	0	0	0	0
27	NET INVESTMENT	2,576	2,053	1,530	1,007	484	0	0	0	0	0	0	0	0	0
28	AVERAGE INVESTMENT		2,314	1,791	1,268	745	242	0	0	0	0	0	0	0	
29	RETURN ON AVG INVEST		14	11	7	4	1	0	0	0	0	0	0	0	37
30															
31	RETURN REQUIREMENTS		20	16	10	6	2	0	0	0	0	0	0	0	54
32															
33	PROGRAM TOTAL		$543	$539	$533	$529	$486	$0	$0	$0	$0	$0	$0	$0	$2,630
34															
35	**TECHNOLOGY DEVELOPMENT (20015939) (E)**														
36	INVESTMENTS		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
37	RETIREMENTS		0	11,311	1,630	0	305	0	0	0	0	0	0	0	13,247
38	DEPRECIATION BASE		13,247	7,591	1,120	305	153	0	0	0	0	0	0	0	
39															
40	DEPRECIATION EXPENSE (20% rate)		221	127	19	5	27	0	0	0	0	0	0	0	399
41															
42	CUMM. NET INVEST	13,247	13,247	1,936	305	305	0	0	0	0	0	0	0	0	0
43	LESS: ACC. NET DEPR	12,848	13,069	1,885	273	278	0	0	0	0	0	0	0	0	0
44	NET INVESTMENT	399	178	51	32	27	0	0	0	0	0	0	0	0	0
45	AVERAGE INVESTMENT		289	115	42	30	14	0	0	0	0	0	0	0	
46	RETURN ON AVG INVEST		1	0	0	0	0	0	0	0	0	0	0	0	1
47															
48	RETURN REQUIREMENTS		2	0	0	0	0	0	0	0	0	0	0	0	2
49															
50	PROGRAM TOTAL		$223	$127	$19	$5	$27	$0	$0	$0	$0	$0	$0	$0	$401

NOTES:
- JAN-JUN RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.08% BASED ON MAY 2014 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- JUL-DEC RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.15% BASED ON MAY 2015 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

DOCKET NO. 150002-EG
DUKE ENERGY FLORIDA
LORI J. CROSS
EXHIBIT NO. _____ (LJC-1P)
SCHEDULE C-3
PAGE 7 OF 12

DUKE ENERGY FLORIDA
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2015 THROUGH DECEMBER 2015

LINE NO.		BEGINNING BALANCE	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	TOTAL
1	**STANDBY GENERATION (20021332) (D)**														
2	INVESTMENTS		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE		366,050	366,050	366,050	366,050	366,050	366,050	366,050	366,050	366,050	366,050	366,050	366,050	
5															
6	DEPRECIATION EXPENSE (20% rate)		6,101	6,101	6,101	6,101	6,101	6,101	6,101	6,101	6,101	6,101	6,101	6,101	73,212
7															
8	CUMM. NET INVEST	366,050	366,050	366,050	366,050	366,050	366,050	366,050	366,050	366,050	366,050	366,050	366,050	366,050	366,050
9	LESS: ACC. NET DEPR	213,590	219,691	225,792	231,893	237,994	244,095	250,196	256,297	262,398	268,499	274,600	280,701	286,802	286,802
10	NET INVESTMENT	152,460	146,359	140,258	134,157	128,056	121,955	115,854	109,753	103,652	97,551	91,450	85,349	79,248	79,248
11	AVERAGE INVESTMENT		149,410	143,309	137,208	131,107	125,006	118,905	112,804	106,703	100,602	94,501	88,400	82,299	
12	RETURN ON AVG INVEST		881	846	810	774	737	701	672	636	599	563	527	490	8,236
13															
14	RETURN REQUIREMENTS		1,278	1,227	1,175	1,123	1,069	1,017	974	922	868	816	764	710	11,943
15															
16	PROGRAM TOTAL		$7,379	$7,328	$7,276	$7,224	$7,170	$7,118	$7,075	$7,023	$6,969	$6,917	$6,865	$6,811	$85,155
17															
18	**INTERRUPTIBLE SERVICE (20015941) (D)**														
19	INVESTMENTS		$0	$0	$0	$0	$0	$0	$0	$0	$19,500	$0	$0	$0	$19,500
20	RETIREMENTS		0	0	(6,097)	0	0	0	0	0	0	0	0	0	(6,097)
21	DEPRECIATION BASE		79,372	79,372	82,421	85,469	85,469	85,469	85,469	85,469	95,219	104,969	104,969	104,969	
22															
23	DEPRECIATION EXPENSE (20% rate)		1,323	1,323	1,374	1,424	1,424	1,424	1,424	1,424	1,587	1,749	1,749	1,749	17,974
24															
25	CUMM. NET INVEST	79,372	79,372	79,372	85,469	85,469	85,469	85,469	85,469	85,469	104,969	104,969	104,969	104,969	104,969
26	LESS: ACC. NET DEPR	56,777	58,100	59,423	66,894	68,318	69,742	71,166	72,590	74,014	75,601	77,350	79,099	80,848	80,848
27	NET INVESTMENT	22,595	21,272	19,949	18,575	17,151	15,727	14,303	12,879	11,455	29,368	27,619	25,870	24,121	24,121
28	AVERAGE INVESTMENT		21,933	20,610	19,262	17,863	16,439	15,015	13,591	12,167	20,411	28,493	26,744	24,995	
29	RETURN ON AVG INVEST		130	121	114	106	97	89	81	73	122	170	159	149	1,411
30															
31	RETURN REQUIREMENTS		188	176	165	154	141	129	117	106	177	247	231	216	2,047
32															
33	PROGRAM TOTAL		$1,511	$1,499	$1,539	$1,578	$1,565	$1,553	$1,541	$1,530	$1,764	$1,996	$1,980	$1,965	$20,021
34															
35	**PHOTOVOLTAIC FOR SCHOOLS PILOT (20084917) (E)**														
36	INVESTMENT		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
37	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
38	DEPRECIATION BASE		0	0	0	0	0	0	0	0	0	0	0	0	
39															
40	DEPRECIATION EXPENSE (20% rate)		0	0	0	0	0	0	0	0	0	0	0	0	0
41															
42	CUMULATIVE INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	LESS: ACC. DEPRECIATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	0	0	0	
46	RETURN ON AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	0	0	0	0
47															
48	RETURN REQUIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
49															
50	PROGRAM TOTAL		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

NOTES:
- JAN-JUN RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.08% BASED ON MAY 2014 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- JUL-DEC RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.15% BASED ON MAY 2015 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

DOCKET NO. 150002-EG
DUKE ENERGY FLORIDA
LORI J. CROSS
EXHIBIT NO. _____ (LJC-1P)
SCHEDULE C-3
PAGE 8 OF 12

DUKE ENERGY FLORIDA
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2015 THROUGH DECEMBER 2015

LINE NO.		BEGINNING BALANCE	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	TOTAL
1	**RESIDENTIAL ENERGY MANAGEMENT - SUMMARY (ITEMIZED BELOW)**														
2	EXPENDITURES BOOKED DIRECTLY TO PLANT		$39,150	$10,620	$17,159	$91,469	$483	$3,325	$146,108	$464,000	$424,000	$424,000	$923,613	$460,048	$3,003,976
3	RETIREMENTS		98,656	116,714	120,805	176,597	153,708	121,741	216,004	262,314	320,058	115,125	276,163	155,402	2,133,287
4	INVESTMENTS BOOKED TO CWIP		502,015	204,296	482,661	777,217	801,689	929,082	888,771	261,701	256,891	300,750	0	0	5,405,072
5	CLOSINGS TO PLANT		0	0	0	(88,254)	0	0	0	0	0	0	20,713,602	0	20,625,348
6	DEPRECIATION BASE		46,663,833	46,581,034	46,476,163	46,337,649	46,174,346	46,038,525	45,944,370	46,010,265	46,163,079	46,369,487	57,204,450	68,037,300	
7															
8	DEPRECIATION EXPENSE (itemized below)		$462,970	$461,589	$459,841	$458,268	$424,731	$452,966	$451,397	$452,495	$455,042	$458,482	$637,949	$817,381	5,993,111
9															
10	CUMULATIVE PLANT INVEST.	$46,693,585	$46,634,079	$46,527,986	$46,424,339	$46,250,958	$46,097,733	$45,979,316	$45,909,421	$46,111,107	$46,215,049	$46,523,924	$67,884,976	$68,189,622	68,189,622
11	LESS: ACC. NET DEPR	10,485,372	10,849,686	11,194,562	11,533,597	11,815,268	12,086,291	12,417,516	12,652,909	12,843,090	12,978,074	13,321,431	13,683,217	14,345,196	14,345,196
12	CUMULATIVE CWIP INVEST.	15,220,276	15,722,291	15,926,587	16,409,248	17,274,719	18,076,408	19,005,489	19,894,260	20,155,961	20,412,852	20,713,602	0	0	-
13	NET PLANT INVESTMENT	51,428,489	51,506,684	51,260,011	51,299,990	51,710,408	52,087,850	52,567,290	53,150,772	53,423,978	53,649,827	53,916,095	54,201,759	53,844,426	53,844,426
14	AVERAGE INVESTMENT		51,467,587	51,383,348	51,280,001	51,505,199	51,899,129	52,327,570	52,859,031	53,287,375	53,536,903	53,782,961	54,058,927	54,023,093	
15	RETURN ON AVG INVEST		303,658	303,162	302,553	303,881	306,205	308,733	314,956	317,509	318,993	320,461	322,106	321,891	3,744,108
16															
17	RETURN REQUIREMENTS		$440,485	$439,764	$438,881	$440,809	$444,179	$447,848	$456,593	$460,293	$462,444	$464,572	$466,959	$466,646	5,429,473
18															
19	PROGRAM TOTAL		$903,455	$901,353	$898,722	$899,077	$868,910	$900,814	$907,990	$912,788	$917,486	$923,054	$1,104,908	$1,284,027	$11,422,584
20															
21	**RESIDENTIAL ENERGY MANAGEMENT - NGDR HARDWARE FOR ODS, LMS, APPDEV. ALSO INCLUDES NGDR TELECOM. (D)**														
22	INVESTEMENTS BOOKED DIRECTLY TO PLANT		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
23	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
24	INVESTMENTS BOOKED TO CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
25	CLOSINGS TO PLANT		0	0	0	(88,254)	0	0	0	0	0	0	469,833	0	381,579
26	DEPRECIATION BASE		10,205,812	10,205,812	10,205,812	10,161,685	10,117,558	10,117,558	10,117,558	10,117,558	10,117,558	10,117,558	10,352,474	10,587,391	
27															
28	DEPRECIATION EXPENSE		118,876	118,876	118,876	118,876	87,325	117,824	117,824	117,824	117,824	117,824	120,623	123,422	1,395,994
29															
30	CUMULATIVE PLANT INVEST.	10,205,812	10,205,812	10,205,812	10,205,812	10,117,558	10,117,558	10,117,558	10,117,558	10,117,558	10,117,558	10,117,558	10,587,391	10,587,391	10,587,391
31	LESS: ACC. NET DEPR	1,609,245	1,728,121	1,846,997	1,965,873	2,084,749	2,172,074	2,289,898	2,407,722	2,525,546	2,643,370	2,761,194	2,881,817	3,005,239	3,005,239
32	CUMULATIVE CWIP INVEST.	381,579	381,579	381,579	381,579	469,833	469,833	469,833	469,833	469,833	469,833	469,833	0	0	0
33	NET PLANT INVESTMENT	8,978,146	8,859,270	8,740,394	8,621,518	8,502,642	8,415,317	8,297,493	8,179,669	8,061,845	7,944,021	7,826,197	7,705,574	7,582,152	7,582,152
34	AVERAGE INVESTMENT		8,918,708	8,799,832	8,680,956	8,562,080	8,458,980	8,356,405	8,238,581	8,120,757	8,002,933	7,885,109	7,765,886	7,643,863	
35	RETURN ON AVG INVEST		52,621	51,919	51,218	50,516	49,908	49,303	49,089	48,387	47,685	46,982	46,273	45,545	589,446
36															
37	RETURN REQUIREMENTS		76,332	75,313	74,296	73,279	72,396	71,519	71,165	70,147	69,129	68,110	67,082	66,027	854,795
38															
39	PROGRAM TOTAL		$195,208	$194,189	$193,172	$192,155	$159,721	$189,343	$188,989	$187,971	$186,953	$185,934	$187,705	$189,449	$2,250,789

NOTES:
- JAN-JUN RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.08% BASED ON MAY 2014 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- JUL-DEC RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.15% BASED ON MAY 2015 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%
- DEPRECIATION EXPENSE IN LINE 28 IS CALCULATED USING A BLENDED RATE.

DOCKET NO. 150002-EG
DUKE ENERGY FLORIDA
LORI J. CROSS
EXHIBIT NO. _____ (LJC-1P)
SCHEDULE C-3
PAGE 9 OF 12

DUKE ENERGY FLORIDA
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2015 THROUGH DECEMBER 2015

LINE NO.		BEGINNING BALANCE	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	TOTAL
1	**RESIDENTIAL ENERGY MANAGEMENT - NGDR SOFTWARE FOR ODS, LMS, APPDEV (D)**														
2	EXPENDITURES BOOKED DIRECTLY TO PLANT		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	619,613	236,048	$855,661
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
4	INVESTMENTS BOOKED TO CWIP		491,142	200,749	418,685	571,872	512,165	343,939	768,903	261,701	256,891	300,750	0	0	4,126,798
5	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	11,123,023	0	11,123,023
6	DEPRECIATION BASE		6,524,778	6,524,778	6,524,778	6,524,778	6,524,778	6,524,778	6,524,778	6,524,778	6,524,778	6,524,778	12,396,096	18,385,438	
7															
8	DEPRECIATION EXPENSE (20% rate)		108,747	108,747	108,747	108,747	108,747	108,747	108,747	108,747	108,747	108,747	206,602	306,425	1,600,497
9															
10	CUMULATIVE PLANT INVEST.	6,524,778	6,524,778	6,524,778	6,524,778	6,524,778	6,524,778	6,524,778	6,524,778	6,524,778	6,524,778	6,524,778	18,267,414	18,503,462	18,503,462
11	LESS: ACC. NET DEPR	1,472,258	1,581,005	1,689,752	1,798,499	1,907,246	2,015,993	2,124,740	2,233,487	2,342,234	2,450,981	2,559,728	2,766,330	3,072,755	3,072,755
12	CUMULATIVE CWIP INVEST.	6,996,225	7,487,367	7,688,116	8,106,801	8,678,674	9,190,839	9,534,778	10,303,681	10,565,382	10,822,273	11,123,023	-	-	-
13	NET PLANT INVESTMENT	12,048,745	12,431,140	12,523,142	12,833,080	13,296,205	13,699,623	13,934,816	14,594,972	14,747,926	14,896,070	15,088,073	15,501,084	15,430,707	15,430,707
14	AVERAGE INVESTMENT		12,239,942	12,477,141	12,678,111	13,064,643	13,497,914	13,817,220	14,264,894	14,671,449	14,821,998	14,992,071	15,294,578	15,465,895	
15	RETURN ON AVG INVEST		72,215	73,615	74,801	77,082	79,638	81,521	84,996	87,419	88,315	89,329	91,131	92,152	992,214
16															
17	RETURN REQUIREMENTS		104,755	106,785	108,506	111,815	115,523	118,254	123,219	126,731	128,030	129,500	132,113	133,593	1,438,824
18															
19	PROGRAM TOTAL		$213,502	$215,532	$217,253	$220,562	$224,270	$227,001	$231,966	$235,478	$236,777	$238,247	$338,715	$440,018	$3,039,321
20															
21	**RESIDENTIAL ENERGY MANAGEMENT - NGDR AMI METERS (D)**														
22	EXPENDITURES BOOKED DIRECTLY TO PLANT		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
23	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
24	INVESTMENTS BOOKED TO CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
25	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	0
26	DEPRECIATION BASE		22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	
27															
28	DEPRECIATION EXPENSE (5.97% rate)		112,142	112,142	112,142	112,142	112,142	112,142	112,142	112,142	112,142	112,142	112,142	112,142	1,345,704
29															
30	CUMULATIVE PLANT INVEST.	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012
31	LESS: ACC. NET DEPR	2,515,103	2,627,245	2,739,387	2,851,529	2,963,671	3,075,813	3,187,955	3,300,097	3,412,239	3,524,381	3,636,523	3,748,665	3,860,807	3,860,807
32	CUMULATIVE CWIP INVEST.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	NET PLANT INVESTMENT	20,025,909	19,913,767	19,801,625	19,689,483	19,577,341	19,465,199	19,353,057	19,240,915	19,128,773	19,016,631	18,904,489	18,792,347	18,680,205	18,680,205
34	AVERAGE INVESTMENT		19,969,838	19,857,696	19,745,554	19,633,412	19,521,270	19,409,128	19,296,986	19,184,844	19,072,702	18,960,560	18,848,418	18,736,276	
35	RETURN ON AVG INVEST		117,822	117,161	116,499	115,837	115,175	114,514	114,979	114,311	113,642	112,975	112,307	111,638	1,376,860
36															
37	RETURN REQUIREMENTS		170,912	169,953	168,993	168,033	167,072	166,114	166,685	165,717	164,747	163,780	162,812	161,842	1,996,660
38															
39	PROGRAM TOTAL		$283,054	$282,095	$281,135	$280,175	$279,214	$278,256	$278,827	$277,859	$276,889	$275,922	$274,954	$273,984	$3,342,364

NOTES:
- JAN-JUN RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.08% BASED ON MAY 2014 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- JUL-DEC RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.15% BASED ON MAY 2015 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

DUKE ENERGY FLORIDA
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2015 THROUGH DECEMBER 2015

LINE NO.		BEGINNING BALANCE	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	TOTAL
1	**RESIDENTIAL ENERGY MANAGEMENT - NON-NGDR RESIDENTIAL PROJECTS (D)**														
2	EXPENDITURES BOOKED DIRECTLY TO PLANT		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
3	RETIREMENTS		33,316	34,571	0	0	0	0	0	0	0	0	0	0	67,887
4	INVESTMENTS BOOKED TO CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
5	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	0
6	DEPRECIATION BASE		153,635	119,692	102,406	102,406	102,406	102,406	102,406	102,406	102,406	102,406	102,406	102,406	
7															
8	DEPRECIATION EXPENSE (20% rate)		2,561	1,995	1,707	1,707	1,707	1,707	1,707	1,707	1,707	1,707	1,707	1,707	21,626
9															
10	CUMULATIVE PLANT INVEST.	170,293	136,977	102,406	102,406	102,406	102,406	102,406	102,406	102,406	102,406	102,406	102,406	102,406	102,406
11	LESS: ACC. NET DEPR	122,676	91,921	59,345	61,052	62,759	64,466	66,173	67,880	69,587	71,294	73,001	74,708	76,415	76,415
12	CUMULATIVE CWIP INVEST.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	NET PLANT INVESTMENT	47,617	45,056	43,061	41,354	39,647	37,940	36,233	34,526	32,819	31,112	29,405	27,698	25,991	25,991
14	AVERAGE INVESTMENT		46,336	44,058	42,207	40,500	38,793	37,086	35,379	33,672	31,965	30,258	28,551	26,844	
15	RETURN ON AVG INVEST		273	260	249	239	229	219	211	201	190	180	170	160	2,581
16															
17	RETURN REQUIREMENTS		396	377	361	346	332	318	306	291	275	261	247	232	3,742
18															
19	PROGRAM TOTAL		$2,957	$2,372	$2,068	$2,053	$2,039	$2,025	$2,013	$1,998	$1,982	$1,968	$1,954	$1,939	$25,368
20															
21	**RESIDENTIAL ENERGY MANAGEMENT - LOAD MANAGEMENT SWITCHES (9080120) (D)**														
22	EXPENDITURES BOOKED DIRECTLY TO PLANT		$39,150	$10,620	$17,159	$91,469	$483	$3,325	$146,108	$464,000	$424,000	$424,000	$304,000	$224,000	$2,148,315
23	RETIREMENTS		65,340	82,143	120,805	176,597	153,708	121,741	216,004	262,314	320,058	115,125	276,163	155,402	2,065,400
24	INVESTMENTS BOOKED TO CWIP		10,874	3,547	63,976	205,345	289,523	585,142	119,868	0	0	0	0	0	1,278,274
25	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	9,120,746	0	9,120,746
26	AMORTIZATION BASE		7,238,596	7,189,740	7,102,155	7,007,768	6,888,592	6,752,771	6,658,616	6,724,511	6,877,325	7,083,733	11,812,462	16,421,053	
27															
28	AMORTIZATION EXPENSE (20% rate)		120,644	119,829	118,369	116,796	114,810	112,546	110,977	112,075	114,622	118,062	196,875	273,685	1,629,290
29															
30	CUMULATIVE PLANT INVEST.	7,251,691	7,225,501	7,153,978	7,050,332	6,965,204	6,811,980	6,693,563	6,623,668	6,825,354	6,929,296	7,238,171	16,386,753	16,455,352	16,455,352
31	LESS: ACC. AMORT.	4,766,090	4,821,394	4,859,081	4,856,644	4,796,843	4,757,945	4,748,750	4,643,723	4,493,484	4,288,048	4,290,985	4,211,697	4,329,980	4,329,980
32	CUMULATIVE CWIP INVEST.	7,842,472	7,853,345	7,856,892	7,920,867	8,126,212	8,415,736	9,000,878	9,120,746	9,120,746	9,120,746	9,120,746	0	0	0
33	NET PLANT INVESTMENT	10,328,072	10,257,452	10,151,790	10,114,555	10,294,573	10,469,770	10,945,691	11,100,691	11,452,616	11,761,994	12,067,932	12,175,057	12,125,372	12,125,372
34	AVERAGE INVESTMENT		10,292,762	10,204,621	10,133,172	10,204,564	10,382,172	10,707,731	11,023,191	11,276,653	11,607,305	11,914,963	12,121,494	12,150,214	
35	RETURN ON AVG. INVEST.		60,727	60,207	59,786	60,207	61,255	63,176	65,681	67,191	69,161	70,995	72,225	72,396	783,007
36															
37	RETURN REQUIREMENTS		88,090	87,336	86,725	87,336	88,856	91,643	95,218	97,407	100,263	102,921	104,705	104,952	1,135,452
38															
39	PROGRAM TOTAL		$208,734	$207,165	$205,094	$204,132	$203,666	$204,189	$206,195	$209,482	$214,885	$220,983	$301,580	$378,637	$2,764,742
40															
41	**SUMMARY OF DEMAND & ENERGY:**														
42															
43	ENERGY		$ 5,010	$ 4,418	$ 4,279	$ 4,239	$ 4,197	$ 3,662	$ 3,645	$ 3,624	$ 3,602	$ 3,580	$ 3,415	$ 3,227	$ 46,897
44	DEMAND		912,345	910,180	907,537	907,879	877,645	909,485	916,606	921,341	926,219	931,967	1,113,753	1,292,803	11,527,760
45	TOTAL DEPRECIATION AND RETURN		$ 917,355	$ 914,598	$ 911,816	$ 912,118	$ 881,842	$ 913,147	$ 920,251	$ 924,965	$ 929,821	$ 935,547	$ 1,117,168	$ 1,296,030	$ 11,574,657

NOTES:
- JAN-JUN RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.08% BASED ON MAY 2014 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- JUL-DEC RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.15% BASED ON MAY 2015 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

DOCKET NO. 150002-EG
DUKE ENERGY FLORIDA
LORI J. CROSS
EXHIBIT NO. _____ (LJC-1P)
SCHEDULE C-3
PAGE 12 OF 12

DUKE ENERGY FLORIDA
CALCULATION OF INTEREST PROVISION
FOR THE PERIOD JANUARY 2015 THROUGH DECEMBER 2015

LINE NO.		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	TOTAL FOR THE PERIOD
1	BEGINNING TRUE-UP AMOUNT (C3,PAGE 11, LINE 9 & 10)	(24,443,630)	(22,779,328)	(20,885,470)	(18,862,098)	(17,893,877)	(16,996,385)	(15,209,582)	(14,648,507)	(13,483,753)	(12,483,707)	(10,662,510)	(7,354,557)	
2	ENDING TRUE-UP AMOUNT BEFORE INTEREST	(22,777,360)	(20,883,742)	(18,860,608)	(17,892,728)	(16,995,222)	(15,208,374)	(14,647,325)	(13,482,464)	(12,482,517)	(10,661,449)	(7,353,731)	(3,318,113)	
3	TOTAL BEGINNING & ENDING TRUE-UP	(47,220,990)	(43,663,070)	(39,746,077)	(36,754,826)	(34,889,099)	(32,204,759)	(29,856,907)	(28,130,971)	(25,966,270)	(23,145,155)	(18,016,241)	(10,672,670)	
4	AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(23,610,495)	(21,831,535)	(19,873,039)	(18,377,413)	(17,444,550)	(16,102,380)	(14,928,454)	(14,065,486)	(12,983,135)	(11,572,578)	(9,008,120)	(5,336,335)	
5	INTEREST RATE: FIRST DAY REPORTING BUSINESS MONTH	0.10%	0.10%	0.09%	0.09%	0.06%	0.10%	0.08%	0.11%	0.11%	0.11%	0.11%	0.11%	
6	INTEREST RATE: FIRST DAY SUBSEQUENT BUSINESS MONTH	0.10%	0.09%	0.09%	0.06%	0.10%	0.08%	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%	
7	TOTAL (LINE 5 AND LINE 6)	0.20%	0.19%	0.18%	0.15%	0.16%	0.18%	0.19%	0.22%	0.22%	0.22%	0.22%	0.22%	
8	AVERAGE INTEREST RATE (50% OF LINE 7)	0.100%	0.095%	0.090%	0.075%	0.080%	0.090%	0.095%	0.110%	0.110%	0.110%	0.110%	0.110%	
9	INTEREST PROVISION (LINE 4 * LINE 8) / 12	(1,968)	(1,728)	(1,490)	(1,149)	(1,163)	(1,208)	(1,182)	(1,289)	(1,190)	(1,061)	(826)	(489)	(14,743)

DOCKET NO. 150002-EG
DUKE ENERGY FLORIDA
LORI J. CROSS
EXHIBIT NO. _____ (LJC-1P)
SCHEDULE C-3
PAGE 11 OF 12

DUKE ENERGY FLORIDA
ENERGY CONSERVATION ADJUSTMENT
CALCULATION OF TRUE-UP
FOR THE PERIOD JANUARY 2015 THROUGH DECEMBER 2015

LINE NO.		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	TOTAL FOR THE PERIOD
1A	BETTER BUSINESS	0	0	0	0	0	0	0	0	0	0	0	0	0
1B	HOME ENERGY IMPROVEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0
1C	HOME ENERGY CHECK	0	0	0	0	0	0	0	0	0	0	0	0	0
1D	SUBTOTAL - FEES	0	0	0	0	0	0	0	0	0	0	0	0	0
2	CONSERVATION CLAUSE REVENUES	6,253,625	6,326,472	6,819,632	6,820,679	7,323,491	8,325,564	8,752,911	8,764,370	8,934,031	8,118,736	6,813,836	6,265,033	89,518,382
2A	CURRENT PERIOD GRT REFUND	0	0	0	0	0	0	0	0	0	0	0	0	0
3	TOTAL REVENUES	6,253,625	6,326,472	6,819,632	6,820,679	7,323,491	8,325,564	8,752,911	8,764,370	8,934,031	8,118,736	6,813,836	6,265,033	89,518,382
4	PRIOR PERIOD TRUE-UP OVER/(UNDER)	2,036,969	2,036,969	2,036,969	2,036,969	2,036,969	2,036,969	2,036,969	2,036,969	2,036,969	2,036,969	2,036,969	2,036,969	24,443,628
5	CONSERVATION REVENUES APPLICABLE TO PERIOD	8,290,594	8,363,441	8,856,601	8,857,648	9,360,460	10,362,533	10,789,880	10,801,339	10,971,000	10,155,705	8,850,805	8,302,002	113,962,010
6	CONSERVATION EXPENSES (C-3,PAGE 4, LINE 37)	7,919,895	8,222,058	8,844,494	7,790,048	8,222,146	10,113,575	9,315,168	9,930,412	9,935,268	9,940,994	10,122,615	10,301,477	110,658,153
7	TRUE-UP THIS PERIOD (O)/U	(370,699)	(141,383)	(12,107)	(1,067,599)	(1,138,314)	(248,958)	(1,474,712)	(870,926)	(1,035,732)	(214,711)	1,271,810	1,999,475	(3,303,857)
8	CURRENT PERIOD INTEREST	(1,968)	(1,728)	(1,490)	(1,149)	(1,163)	(1,208)	(1,182)	(1,289)	(1,190)	(1,061)	(826)	(489)	(14,743)
9	ADJUSTMENTS PER AUDIT	0	0	0	0	0	0	0	0	0	0	0	0	0
10	TRUE-UP & INTEREST PROVISIONS BEGINNING OF PERIOD	(24,443,630)	(22,779,328)	(20,885,470)	(18,862,098)	(17,893,877)	(16,996,385)	(15,209,582)	(14,648,507)	(13,483,753)	(12,483,707)	(10,662,510)	(7,354,557)	(24,443,630)
10 A	CURRENT PERIOD GRT REFUNDED	0	0	0	0	0	0	0	0	0	0	0	0	0
11	PRIOR TRUE-UP (REFUNDED)/ COLLECTED	2,036,969	2,036,969	2,036,969	2,036,969	2,036,969	2,036,969	2,036,969	2,036,969	2,036,969	2,036,969	2,036,969	2,036,969	24,443,628
12	END OF PERIOD NET TRUE-UP	(22,779,328)	(20,885,470)	(18,862,098)	(17,893,877)	(16,996,385)	(15,209,582)	(14,648,507)	(13,483,753)	(12,483,707)	(10,662,510)	(7,354,557)	(3,318,602)	(3,318,602)

DOCKET NO. 150002-EG
DUKE ENERGY FLORIDA
LORI J. CROSS
EXHIBIT NO. _____ (LJC-1P)
SCHEDULE C-4
PAGE 1 OF 1

CALCULATION OF ENERGY CONSERVATION COST RECOVERY (ECCR) REVENUES
FOR THE PERIOD: JANUARY 2016 THROUGH DECEMBER 2016

MONTH	JURISDICTIONAL MWH SALES	CLAUSE REVENUE NET OF REVENUE TAXES
JANUARY	2,825,331	$7,982,117
FEBRUARY	2,771,409	$8,026,711
MARCH	2,678,644	$7,523,630
APRIL	2,804,352	$7,932,531
MAY	2,877,535	$8,041,324
JUNE	3,431,289	$9,834,304
JULY	3,725,640	$10,628,765
AUGUST	3,758,468	$10,737,826
SEPTEMBER	3,964,100	$11,453,405
OCTOBER	3,520,478	$9,992,637
NOVEMBER	2,897,712	$8,217,053
DECEMBER	2,667,233	$7,441,452
TOTAL	37,922,191	$107,811,754

Program Description and Progress

Program Title: Home Energy Check

Program Description: The Home Energy Check is a residential energy audit program that provides residential customers with an analysis of their energy consumption as well as educational information on how to reduce energy usage and save money. The audit provides DEF the opportunity to promote and directly install cost-effective measures in customers' homes while also educating and encouraging customers to implement energy-saving practices

Program Projections for January 2016 through December 2016: It is estimated that 34,516 customers will participate in this program during the projection period.

Program Fiscal Costs for January 2016 through December 2016: Costs for this program are projected to be $5,901,326.

Program Progress Summary: As of year-to-date, July 31, 2015, there have been 18,617 customers that have participated in this program. The Home Energy Check will continue to inform and motivate consumers on cost effective energy efficiency improvements which result in implementation of energy efficiency measures.

Program Description and Progress

Program Title: Home Energy Improvement

Program Description: The Home Energy Improvement Program is designed to provide incentives to residential customers for energy efficiency improvements. This program includes measures for energy efficiency improvements for both existing homes and new homes. DEF offers energy efficiency measures for various types of homes through this program including single family, multi-family and manufactured homes. . The Home Energy Improvement program includes incentives for measures such as: duct testing, duct leakage repair, attic insulation, replacement windows, high efficiency heat pump replacing resistance heat, high efficiency heat pump replacing a heat pump, and newly constructed Energy Star homes.

Program Projections for January 2016 through December 2016: It is estimated that 18,021 completions will be performed in this program during the projection period.

Program Fiscal Costs for January 2016 through December 2016: Costs for this program are projected to be $6,992,277.

Program Progress Summary: As of year-to-date, July 31, 2015, there have been 16,204 measure installations that have taken place in the current year as a result of this program.

Program Description and Progress

Program Title: Residential New Construction (Home Advantage)

Program Description: The Home Advantage Program promotes energy-efficient construction which exceeds the Florida Energy Code. Information, education, and consultation are provided to homebuilders, contractors, realtors and home buyers on energy-related issues and efficiency measures. This program is designed to encourage single family, multi-family, and manufactured home builders to build more energy efficiently by encouraging a whole house performance view including the installation of climate effective windows, reflective roof materials, upgraded insulation, energy recovery ventilation, highly efficient HVAC equipment, and HVAC commissioning. Incentives are awarded to the builder based on the level of efficiency they choose including Energy Star Certification process. Effective January 1, 2016, residential new construction measures will be included in the Home Improvement Program and the Residential New Construction (Home Advantage) Program will no longer be a standalone program.

Program Progress Summary: As of year-to-date, July 31, 2015, there have been 16,049 measure installations that have taken place as a result of this program.

Program Description and Progress

Program Title: Neighborhood Energy Saver Program

Program Description: The Neighborhood Energy Saver Program is designed to assist low-income families with escalating energy costs. The goal is to implement a comprehensive package of electric conservation measures in the homes of income eligible customers. In addition to the installation of physical measures, another important component of this program is educating families on energy efficiency techniques and behavior modifications that will enable them to better manage their energy usage.

Program Projections January 2016 through December 2016: It is estimated that 4,500 households will participate in the Neighborhood Energy Saver Program.

Program Fiscal Costs for January 2016 through December 2016: Costs for this program are projected to be $3,723,459.

Program Progress Summary: As of year-to-date, July 31, 2015, there have been 20,590 measures have been installed in the current year on 1,787 households.

Program Description and Progress

Program Title: Low-Income Weatherization Assistance Program

Program Description: The program goal is to partner with the Florida Department of Economic Opportunity (DEO) and local weatherization providers to deliver energy efficiency measures to low-income families. Through this partnership, Duke Energy will assist local weatherization agencies by providing energy education, energy education materials and financial incentives to weatherize the homes of low-income families.

Program Projections for January 2016 through December 2016: It is estimated that 500 households with 1,750 measures will participate in the Low-Income Weatherization Assistance Program.

Program Fiscal Costs for January 2016 through December 2016: Costs for this program are projected to be $625,451.

Program Progress Summary: As of year-to-date, July 31, 2015, there have been 815 measures installed through this program in the current year.

Program Description and Progress

Program Title: Energy Management (Residential & Commercial)

Program Description: The Energy Management program is a voluntary program that incorporates direct radio control of selected customer equipment to reduce system demand during winter and summer peak capacity periods and/or emergency conditions by temporarily interrupting selected customer appliances for specified periods of time. Customers have a choice of options and receive a credit on their monthly electric bills, depending on the options selected and their monthly kWh usage. The commercial program was closed to new participants as of July 20, 2000.

The current direct load control (DLC) one-way communications and appliance switching infrastructure that allows Duke Energy to shed peak demand is becoming obsolete. Major infrastructure maintenance and system upgrades are necessary to continue to ensure the availability of the existing direct load control capacity and to support additional capacity in the future.

Duke Energy's existing system is a one-way communications (paging) direct load control program with no direct feedback. It provides Duke Energy with about 660 MW of Winter and 330 MW of Summer load reduction. Close to 400,000 customers currently participate in the program requiring over 520,000 control switches, the majority being original analog switches.

Duke Energy has selected and is utilizing a new two-way direct load control device for new Residential Energy Management participants. Duke Energy has also selected a new Load Management System which provides control functionality for the new two-way control devices as well as asset management and system maintenance capabilities. The new Load Management System and two-way load control devices will operate in parallel with the existing legacy system during the transition period to provide a seamless migration from the legacy system to the new two-way system.

Program Projections for January 2016 through December 2016: During this period DEF anticipates adding 8,700 new participants to our current portfolio of approximately 400,000 participants contributing over 650 MW of winter and 350 MW of summer load reduction.

Program Description and Progress

Program Fiscal Costs for January 2016 through December 2016: Program costs during this period are projected to be $45,258,394.

Program Progress Summary: As of July 31, 2015, there were 411,935 customers participating in the Energy Management program. Through year-to-date, July 31, 2015, a total of 1,532 new participant installations have been completed.

Program Description and Progress

Program Title: Business Energy Check

Program Description: The Business Energy Check is a no-cost energy audit for non-residential facilities. This audit can be completed over the phone or at the customer's facility by a qualified Duke Energy Assessor. This program acts as a motivational tool to identify, evaluate, and inform consumers on cost effective energy saving measures for their facility. The Business Energy Check serves as the foundation of the Better Business Program.

Program Projections for January 2016 through December 2016: It is estimated that 1,847 customers will participate in this program during the projection period.

Program Fiscal Costs for January 2016 through December 2016: Costs for this program are projected to be $1,196,174.

Program Progress Summary: As of year-to-date, July 31, 2015, there have been 942 customers that have participated in this program in the current year. The Business Energy Check will continue to inform and motivate non-residential consumers on cost effective energy efficiency improvements which result in implementation of energy efficiency measures.

Program Description and Progress

Program Title: Better Business

Program Description: This umbrella efficiency program provide incentives to existing commercial and industrial customers for the following qualifying measures: heating, air conditioning, roof insulation, duct leakage and repair, demand-control ventilation, cool roof coating, high efficiency energy recovery ventilation, and HVAC optimization.

Program Projections for January 2016 through December 2016: It is estimated that 1,789 measure installations will take place as a result of this program during the projection period.

Program Fiscal Costs for January 2016 through December 2016: Costs for this program are projected to be $2,800,459.

Program Progress Summary: As of year-to-date, July 31, 2015, there have been 515 measure installations that have taken place as a result of this program in the current year. This program will continue to provide non-residential customers with opportunities for improving the energy efficiency of existing facilities.

Program Description and Progress

Program Title: Commercial/Industrial New Construction

Program Description: This umbrella efficiency program provides incentives to new Commercial and Industrial facilities for: high efficiency HVAC equipment, high efficiency motors, compressed air, roof insulation, cool roof, green roof, demand-control ventilation, high efficiency energy recovery ventilation, and lighting. This program provides information, education, and advice on energy-related issues and efficiency measures by involvement early in the building's design process. Effective January 1, 2016, this will no longer be a standalone program. New Construction measures will become part of the Better Business Program and the Florida Incentive Custom Program.

Program Progress Summary As of year-to-date, July 31, 2015, there have been 66 measure installations that have taken place as a result of this program.

Program Description and Progress

Program Title: Florida Custom Incentive Program (formerly known as Innovation Incentive Program)

Program Description: The objective of the Florida Custom Incentive Program is to encourage customers to make capital investments for the installation of energy efficiency measures which reduce peak KW and energy on the Duke Energy Florida (DEF) electric grid. This program offers customized incentives specifically designed for individual custom projects which are not otherwise addressed by existing DEF Demand Side Management programs.

Representative examples of energy efficient technologies that would be considered under this program include, but are not limited to, new construction measures and new thermal energy storage systems.

Program Projections for January 2016 through December 2016: It is estimated that 37 customers will participate in the program during the projection period.

Program Fiscal Costs for January 2016 through December 2016: Costs for this program are projected to be $661,396.

Program Progress Summary: As of year-to-date July 31, 2015, there has been 1 customer that has participated in this program. This program continues to recognize specialized energy efficiency measures not covered through the company's other DSM programs.

Program Description and Progress

Program Title: Standby Generation

Program Description: Duke Energy provides an incentive for customers who, when notified by Duke Energy, voluntarily operate their on-site generation during times of system peak.

Program Projections for January 2016 through December 2016: It is estimated that 10 new installations will be completed during the projection period.

Program Fiscal Costs for January 2016 through December 2016: Expenses for this program are projected to be $6,512,180.

Program Progress Summary: As of July 31, 2015, there were 268 accounts participating in this program.

Program Description and Progress

Program Title: Interruptible Service

Program Description: The Interruptible Service rate is a dispatchable DSM program in which customers contract to allow Duke Energy to switch off electrical service to customers during times of capacity shortages. In return for permitting interruption to their service, the customers receive a monthly credit on their bill based on their monthly peak demand.

Program Projections for January 2016 through December 2016: 1 new account is estimated to sign up during the projection period.

Program Fiscal Costs for January 2016 through December 2016: Costs for this program are projected to be $30,952,263.

Program Progress Summary: As of July 31, 2015, this program had 132 accounts participating. The original program filed as the IS-1 and IST-1 tariff are no longer cost-effective under the Commission approved test and were closed on April 16, 1996. Customers who were participating in these programs at the time of closure were grandfathered into the program. New participants are placed on the IS-2 and IST-2 tariffs. IS-2 and IST-2 tariffs were approved in 2012 resulting in increased incentives effective January 1, 2013.

Program Description and Progress

Program Title: Curtailable Service

Program Description: The Curtailable Service rate is a dispatchable DSM program in which customers contract to curtail or shut down a portion of their electric load during times of capacity shortages. The curtailment is managed by the customer when notified by Duke Energy. In return for this cooperation, the customer receives a monthly rebate for the curtailable portion of their load.

Program Projections for January 2016 through December 2016: No new participants are expected during the projection period.

Program Fiscal Costs for January 2016 through December 2016: Costs for this program are projected to be $1,550,388.

Program Progress Summary: As of July 31, 2015, this program had 4 accounts participating. The original program filed as the CS-1 tariff is no longer cost-effective under the Commission approved test and was closed on April 16, 1996. Existing participants were grandfathered into the program. New participants are placed on the CS-2, CST-2, CS-3, or CST-3 tariffs. CS-2, CST-2, CS-3 and CST-3 rates were approved in 2012 resulting in increased incentives effective January 1, 2013.

Program Description and Progress

Program Title: Solar Water Heater for Low Income Residential Customers Pilot

Program Description: This program is a customer renewable energy measure designed to assist low-income families with energy costs by incorporating a solar thermal water heating system in their residence while it is under construction. The solar thermal system will be provided at no cost to the non-profit builders or the residential participants. This program was implemented in 2011, and will continue to be offered in Duke Energy Florida's service territories through 2015.

Program Progress Summary: As of year-to-date, July 31, 2015, there were a total of 14 customer additions to the Solar Water Heater for Low Income Pilot program in the current year.

Program Description and Progress

Program Title: Solar Water Heater with Energy Management

Program Description: This pilot program encourages residential customers to install a solar thermal water heating system. This program was developed in collaboration with the solar industry. Additionally, the pilot program promotes the installation of renewable energy on energy efficient homes by requiring customers to complete a Home Energy Check before the solar thermal system is installed. To receive the one-time $550 incentive, the heating, air conditioning, and water heating systems must be on the Energy Management program and the solar thermal system must provide a minimum of 50% of the water heating load. This program was implemented in 2011, along with a new online application process and will continue to be offered in Duke Energy Florida's service territories through 2015.

Program Progress Summary: As of year-to-date, July 31, 2015, an additional 166 customers participated in the Solar Water Heater with Energy Management program.

Program Description and Progress

Program Title: Residential Solar Photovoltaic Pilot

Program Description: This pilot program encourages residential customers to install new solar photovoltaic (PV) systems on their home. Additionally, the pilot program promotes the installation of renewable energy on energy efficient homes by requiring customers to complete a Home Energy Check before the PV system is installed. The pilot program design includes an annual reservation process for pre-approval to ensure the incentive funds are available for participation. Participants can receive a rebate up to $2.00 per Watt of the PV dc power rating up to a $20,000 maximum for installing a new PV system. This program was implemented in 2011, along with a new online application process and will continue to be offered in Duke Energy Florida's service territories through 2015.

Program Progress Summary: As of year-to-date, July 31, 2015, 119 measure completions have taken place in the current year as a result of this program.

Program Description and Progress

Program Title: Commercial Solar Photovoltaic Pilot

Program Description: This pilot program encourages commercial customers to install new solar photovoltaic (PV) systems on their facilities. Additionally, the pilot program promotes the installation of renewable energy on energy efficient businesses by requiring customers to complete a Business Energy Check prior to installation. The pilot program design includes an annual reservation process for pre-approval to ensure the incentive funds are available for participation. Participants can receive a rebate up to $2.00 per Watt of the PV dc power rating for the first 10 kW, $1.50 per Watt for 11 kW to 50 kW, and $1.00 per Watt for 51 kW to 100 kW, up to a $130,000 maximum for installing a new PV system. This program was implemented in 2011, along with a new online application process and will continue to be offered in Duke Energy Florida's service territories through 2015.

Program Progress Summary: As of year-to-date July 31, 2015, five measure completions have taken place in the current year as a result of this program.

Program Description and Progress

Program Title: Photovoltaic for Schools Pilot

Program Description: This pilot program is designed to promote energy education and provide participating public schools with new solar photovoltaic (PV) systems at no cost to the school. The pilot program is limited to an annual target of one system with a rating up to 100 kW installed on a post-secondary school and up to ten (10) 10 kW systems with battery backup option installed on K-12 schools, preferably those serving as emergency shelters. This program was implemented in 2011, and will continue to be offered in Duke Energy Florida's service territories through 2015.

Program Progress Summary: DEF expects to complete installations at fourteen K-12 schools in 2015.

Program Description and Progress

Program Title: Research and Demonstration Pilot

Program Description: This program's purpose is to research technology and establish R&D initiatives to support the development of renewable energy pilot programs. This program was implemented in 2011 and will continue through 2015.

Program Progress Summary: Several research projects achieved significant milestones in 2015; examples include:

- Flat Plate PV Study: The flat-plate photovoltaic (PV) performance testing project at the Solar Technology Acceleration Center (SolarTAC) is a multi-year, data-driven effort to provide unbiased field testing of a variety of commercial-scale solar PV systems under different environmental and seasonal conditions. EPRI provided an interim report on panel performance, and monitoring and analysis will continue through 2015.
- University of South Florida Renewable Energy Storage Project: This project integrated an energy storage system utilizing advanced battery technology in a stationary power system application to address the needs of a renewable energy system at the University of South Florida.
- Electric Power Research Institute (EPRI) programs: EPRI has established a growing set of research products that address the cost, performance, reliability, O&M, and other attributes of solar generation technologies. Our partnership with EPRI will continue to track the development of all major solar technology options and provide insights on technology maturity, market trends, major manufacturers, and the likely scale and timeframe of market growth. In addition, the 2015 Solar Program will look to enhance performance and reliability through field testing, demonstrations, and targeted studies that evaluate: PV variability, PV O&M, PV recycling options, inverter technologies and standards, central receiver technologies, solar augmentation, and thermal energy storage.

Program Description and Progress

Program Title: Technology Development

Program Description: This program allows Duke Energy to undertake certain development and demonstration projects which provide support for the development of cost-effective demand reduction and energy efficiency programs.

Program Projections for January 2016 through December 2016: Duke Energy has partnered with various research organizations including, the Florida Solar Energy Center, University of South Florida, and the Electric Power Research Institute to evaluate energy efficiency, energy storage, demand response, and smart-charging technologies. Several research projects associated with these four focus areas will continue and/or launch in 2016:

- EPRI Variable Capacity Heat Pump Air Conditioner
- Florida Building Automated Energy Efficiency and Demand Response
- Thermal Energy Storage Research
- Renewable SEEDS (alternative energy with storage)
- Smart Appliance Research and Demonstration
- Smart Charging for Electric Transportation
- Electric Power Research Institute (EPRI) programs (energy efficiency, energy storage, Intelligrid, electric transportation infrastructure)

Program Fiscal Costs for January 2016 through December 2016: Costs for this program are projected to be $800,000.

Program Progress Summary: The following provides a summary of projects that DEF is currently supporting through this program:

- EPRI Variable Capacity Heat Pump Air Conditioner: This project was designed to study the improvements in efficiency and peak load reductions from using ultra high-efficiency heat pumps in Florida. Based on 2013 and 2014 data analysis from the participant homes, these heat pumps reduced energy use and heat strip use on peak. However, additional improvements in demand reduction may be possible by modifying controls and reducing the rating of the strip heat in these installations. Also, two new technologies will be demonstrated at two additional sites. Data collection and analysis will be performed over a 24 month period.

Program Description and Progress

- Florida Building Automated Energy Efficiency and Demand Response: This project will explore the potential for developing a Florida program for EE and DR improvements through customer energy optimization products. Working with USF, automated demand response technology has been implemented and is currently being demonstrated on the campus of the University of South Florida in St. Petersburg. Data collection and analysis will be performed over a 24-month period.
- Thermal Energy Storage Research: This project will define a plan for Duke Energy to research and evaluate the potential impacts of thermal energy storage (TES) options. This project will provide an analysis of TES impacts, ownership, and operation.
- Renewable SEEDS: This project consists of two sites with PV systems integrated with energy storage. Both of these sites are operating well and have demonstratedl smoothing, energy shifting and demand response capabilities. These sites will be upgraded in 2016 to be interfaced with other distributed energy storage system(s) to demonstrate aggregation of distributed energy storage.
- Energy Management Circuit Breaker Project: This project will explore the potential for developing a Florida program for customer circuit breakers that include: communication, metering, remote operation for potential applications including energy efficiency, demand response, and integration of distributed energy resources.
- Flexible Demand Response Project: This project will explore the potential for a Florida program for utilizing advanced appliance demand response capabilities to provide additional power system benefits including frequency response and responding to the flexibility requirements of renewable generation.
- Smart charging for electric transportation: Testing will include analysis of residential and public charging, vehicle charging programs, and Electric Vehicle Supply Equipment (EVSE) control technology.
- CEA-2045 Testing Project: The CEA-2045 standard provides for a modular communications interface to residential appliances for demand management. CEA-2045 also provides standard signals for DSM to control appliances. Duke Energy Florida, with EPRI, is testing: CEA-2045 thermostats, heat pump water heaters, electric water heaters, pool pump/timers, and EVSE. DEF is also testing retrofit devices that could bring the features of CEA-2045 to ordinary appliances including water heaters, pool pumps, and electric vehicle chargers. The functionality of these devices is being verified under lab conditions and field demonstrations for program development.

Program Description and Progress

Program Title: Qualifying Facility

Program Description: This program supports the costs to administer and facilitate the purchase of as-available energy and firm energy and capacity from qualifying facilities including those that utilize renewable sources.

Program Projections for January 2016 through December 2016: Duke Energy Florida will continue to meet with Qualified Facility (QF) developers interested in providing renewable resources within our service territory. Project and avoided cost discussions with renewable and combined heat and power developers who are also exploring distributed generation options remain constant as the technologies advance, the market changes, and the associated policies are refined. As the number of potential QFs that engage Duke Energy Florida increase, more in depth research and analytics will be required to support good faith QF purchased power negotiations and contract structures. Duke Energy Florida will monitor the existing QF contracts under development for: construction milestones, financing status, permitting, transmission studies and agreements, insurance and Performance Security. Duke Energy Florida will continue to prudently administer all executed and in-service QF contracts for compliance.

Program Fiscal Costs for January 2016 through December 2016: Costs for this program are projected to be $977,335.

Program Progress Summary: Duke Energy Florida has approximately 928 MW under contract from Qualifying Facilities. The total firm capacity from cogeneration facilities is 304 MW and the total firm capacity from renewable facilities is 177 MW with 57 MW of renewables delivering energy to the Company on an as-available basis. Finally, approximately 390 MW of Qualified renewables are under development.

TAMPA ELECTRIC COMPANY

SCHEDULES SUPPORTING CONSERVATION

COST RECOVERY FACTOR

ACTUAL

JANUARY 2014 - DECEMBER 2014

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 150002-EG EXHIBIT: 12
PARTY: TAMPA ELECTRIC COMPANY (TECO) – DIRECT
DESCRIPTION: Mark R. Roche MRR-1

CONSERVATION COST RECOVERY

INDEX

SCHEDULE	TITLE	PAGE
CT-1	Adjusted Net True-up	8
CT-2	Program Costs - Actual vs. Projected	9
CT-3	Summary of Expenses and Calculation of True-up and Interest Provision	13
CT-4	Schedule of Capital Investments, Depreciation and Return	16
CT-5	Reconciliation and Explanation of Difference between Filing and FPSC Audit	18
CT-6	Program Description & Progress	19

CT-1
Page 1 of 1

TAMPA ELECTRIC COMPANY
Energy Conservation
Adjusted Net True-up
For Months January 2014 through December 2014

End of Period True-up			
	Principal	$7,546,372	
	Interest	$3,627	
	Total		$7,549,999
Less: Projected True-up			
	Principal	$5,624,262	
	Interest	$4,677	
	Total		$5,628,939
Adjusted Net True-up			$1,921,060

CT-2
Page 1of 4

TAMPA ELECTRIC COMPANY
Analysis of Energy Conservation Program Costs
Actual vs. Projected
For Months January 2014 through December 2014

	Description	Actual	Projected	Difference
1	Capital Investment	$1,482,817	$1,223,492	$259,325
2	Payroll	$4,163,609	$4,683,378	($519,769)
3	Materials and Supplies	$85,190	$52,074	$33,116
4	Outside Services	$6,173,212	$5,734,515	$438,697
5	Advertising	$1,058,247	$593,930	$464,317
6	Incentives	$33,011,325	$36,473,147	($3,461,822)
7	Vehicles	$217,736	$241,386	($23,650)
8	Other	$630,669	$190,305	$440,364
9	Subtotal	$46,822,805	$49,192,227	($2,369,422)
10	Less: Program Revenues	($202,297)	($245,591)	$43,294
11	Total Program Costs	$46,620,508	$48,946,636	($2,326,128)
12	Adjustments	$0	$0	$0
13	Beginning of Period True-up Overrecovery	($5,476,721)	($5,476,721)	$0
14	Amounts included in Base Rates	$0	$0	$0
15	Conservation Adjustment Revenues	($48,690,159)	($49,094,177)	$404,018
16	True-up Before Interest	$7,546,372	$5,624,262	$1,922,110
17	Interest Provision	$3,627	$4,677	($1,050)
18	End of Period True-up	$7,549,999	$5,628,939	$1,921,060

TAMPA ELECTRIC COMPANY
Actual Conservation Program Costs per Program
For Months January 2014 through December 2014

	Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues	Total
1	Heating and Cooling (E)	$0	$72,832	$0	$250	$0	$1,227,125	$453	$3,871	$0	$1,304,531
2	Prime Time (D)	0	200,945	12,742	907,222	0	3,955,955	3,024	42,804	0	5,122,692
3	Energy Audits (E)	0	1,257,926	21,484	278,850	652,156	0	113,551	79,562	(225)	2,403,304
4	Cogeneration (E)	0	108,010	0	0	0	0	237	670	0	108,917
5	C & I Load Mngmt (D)	0	3,155	0	244	0	6,958	0	74	0	10,431
6	Commerical Lighting (E)	0	52,940	111	0	0	741,184	1,009	74	0	795,318
7	Standby Generator (D)	0	22,831	1,712	0	800	2,843,490	125	918	0	2,869,876
8	Conservation Value (E)	0	22,555	5,166	0	0	101,415	101	345	0	129,582
9	Duct Repair (E)	0	32,805	403	0	0	358,052	5,662	13,446	0	410,368
10	Renewable Energy Initiative (E)	0	23,562	350	166,024	(213)	0	369	10,417	(202,072)	(1,563)
11	Renewable Energy Systems Initiative (E)	0	93,223	0	188,002	0	1,172,480	1,059	87	0	1,454,851
12	Industrial Load Management (D)	15,120	14,363	0	0	0	16,305,518	178	0	0	16,335,179
13	DSM R&D (D&E) (50% D, 50% E)	0	0	0	0	0	0	0	0	0	0
14	Commercial Cooling (E)	0	23,568	228	90	0	87,262	128	74	0	111,350
15	Residential New Construction (E)	0	105,575	0	0	0	1,707,850	853	2,403	0	1,816,681
16	Common Expenses (D&E) (50% D, 50% E)	0	881,777	14,904	265,460	0	0	2,134	48,362	0	1,212,637
17	Price Responsive Load Mgmt (D&E) (50% D, 50% E)	1,467,697	798,276	19,602	480,678	405,504	0	73,228	381,640	0	3,626,625
18	Residential Building Envelope Improvement (E)	0	151,888	1,575	67	0	2,001,031	7,477	7,548	0	2,169,586
19	Residential Electronic Commutated Motors (E)	0	0	0	0	0	0	0	0	0	0
20	Energy Education Outreach (E)	0	38,840	4,895	22,617	0	0	1,046	11,141	0	78,539
21	Residential Re-Commissioning (E)	0	5,778	0	3,695	0	5,850	210	563	0	16,096
22	Residential Low- Income Weatherization (E)	0	127,178	543	874,746	0	1,950,622	5,801	20,102	0	2,978,992
23	Commercial Duct Repair (E)	0	22,769	117	0	0	51,300	64	74	0	74,324
24	Commercial Energy Recovery Ventilation (E)	0	163	0	0	0	0	0	0	0	163
25	Commercial Building Envelope Improvement (E)	0	27,483	459	0	0	119,815	459	148	0	148,364
26	Commercial Energy Efficient Motors (E)	0	399	0	0	0	780	0	74	0	1,253
27	Commercial Demand Response (D)	0	16,204	0	2,984,007	0	0	54	4,845	0	3,005,110
28	Commercial Chiller Replacement (E)	0	1,204	111	0	0	26,800	0	74	0	28,189
29	Commercial Occupancy Sensors (Lighting) (E)	0	1,037	111	0	0	35,900	9	74	0	37,131
30	Commercial Refrigeration (Anti-Condensate) (E)	0	54	0	0	0	0	0	0	0	54
31	Commercial Water Heating (E)	0	245	0	0	0	0	0	74	0	319
32	Commercial HVAC Re-Commissioning (E)	0	15,549	409	1,170	0	20,514	102	738	0	38,482
33	Commercial Electronic Commutated Motors (E)	0	326	0	0	0	0	0	0	0	326
34	Cool Roof (E)	0	40,149	268	90	0	291,424	403	467	0	332,801
35	Total All Programs	$1,482,817	$4,163,609	$85,190	$6,173,212	$1,058,247	$33,011,325	$217,736	$630,669	($202,297)	$46,620,508

TAMPA ELECTRIC COMPANY
Conservation Program Costs per Program
Variance - Actual vs. Projected
For Months January 2014 through December 2014

	Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues	Total
1	Heating and Cooling (E)	$0	($30,368)	($1,036)	($866)	($1,770)	$201,175	$50	$1,259	$0	$168,444
2	Prime Time (D)	0	(77,153)	10,797	548,878	0	(594,308)	(689)	11,252	0	(101,223)
3	Energy Audits (E)	0	(158,854)	(10,012)	181,440	254,934	0	11,959	(23,798)	(225)	255,444
4	Cogeneration (E)	0	4,340	0	0	0	0	68	670	0	5,078
5	C & I Load Mngmt (D)	0	2,668	0	(244)	0	(3)	0	74	0	2,495
6	Commerical Lighting (E)	0	(33,258)	(294)	0	0	409,600	(360)	(764)	0	374,924
7	Standby Generator (D)	0	(34,215)	1,712	(500)	800	518,606	(44)	819	0	487,178
8	Conservation Value (E)	0	9,824	2,554	0	0	(164,019)	(41)	345	0	(151,337)
9	Duct Repair (E)	0	(61,190)	53	(1,000)	(1,770)	50,621	(1,648)	6,239	0	(8,695)
10	Renewable Energy Initiative (E)	0	(2,518)	96	(82,330)	(213)	0	(125)	40,008	43,519	(1,563)
11	Renewable Energy Systems Initiative (E)	0	(22,953)	0	73,837	0	(110,245)	(2,341)	(23)	0	(61,725)
12	Industrial Load Management (D)	7,104	2,629	0	0	0	-2,817,716	(594)	0	0	(2,808,577)
13	DSM R&D (D&E) (50% D, 50% E)	0	0	0	0	0	0	0	0	0	0
14	Commercial Cooling (E)	0	10,414	228	90	0	(21,781)	(26)	(66)	0	(11,141)
15	Residential New Construction (E)	0	63,361	(270)	0	0	(295,000)	(25,004)	267	0	(256,646)
16	Common Expenses (D&E) (50% D, 50% E)	0	136,493	14,326	(486,657)	0	0	1,471	10,342	0	(324,025)
17	Price Responsive Load Mgmt (D&E) (50% D, 50% E)	252,221	(137,842)	12,013	37,299	214,106	0	(1,694)	406,179	0	782,282
18	Residential Building Envelope Improvement (E)	0	(64,800)	447	(1,733)	(1,770)	(977,793)	(1,717)	3,202	0	(1,044,164)
19	Residential Electronic Commutated Motors (E)	0	(1,128)	0	(370)	0	(810)	0	(50)	0	(2,358)
20	Energy Education Outreach (E)	0	(14,480)	2,433	(10,762)	0	0	(1,377)	(5,748)	0	(29,934)
21	Residential Re-Commissioning (E)	0	(17,512)	0	(10,760)	0	(15,450)	(20)	(613)	0	(44,355)
22	Residential Low- Income Weatherization (E)	0	(14,664)	341	544,094	0	705,977	1,363	(12,260)	0	1,224,851
23	Commercial Duct Repair (E)	0	(62,812)	(162)	0	0	(168,300)	(522)	(107)	0	(231,903)
24	Commercial Energy Recovery Ventilation (E)	0	(438)	0	0	0	(18,143)	(50)	0	0	(18,631)
25	Commercial Building Envelope Improvement (E)	0	(5,389)	(264)	0	0	(5,857)	(430)	148	0	(11,792)
26	Commercial Energy Efficient Motors (E)	0	76	0	0	0	480	(30)	74	0	600
27	Commercial Demand Response (D)	0	(8,169)	(84)	(347,249)	0	0	(567)	1,719	0	(354,350)
28	Commercial Chiller Replacement (E)	0	(2,650)	111	0	0	(18,950)	(100)	74	0	(21,515)
29	Commercial Occupancy Sensors (Lighting) (E)	0	(1,842)	111	0	0	17,152	(136)	74	0	15,359
30	Commercial Refrigeration (Anti-Condensate) (E)	0	(111)	0	0	0	(1,500)	0	0	0	(1,611)
31	Commercial Water Heating (E)	0	153	0	0	0	(250)	(50)	74	0	(73)
32	Commercial HVAC Re-Commissioning (E)	0	(7,060)	151	(4,560)	0	(24,600)	(398)	507	0	(35,960)
33	Commercial Electronic Commutated Motors (E)	0	(9)	0	0	0	(659)	(50)	0	0	(718)
34	Cool Roof (E)	0	9,688	(135)	90	0	(130,049)	(548)	467	0	(120,487)
35	Total All Programs	$259,325	($519,769)	$33,116	$438,697	$464,317	($3,461,822)	($23,650)	$440,364	$43,294	($2,326,128)

CT-2
Page 4 of 4

TAMPA ELECTRIC COMPANY
Description for Accounts
For Months January 2014 through December 2014

1823320	RESIDENTIAL LOAD MANAGEMENT
1823321	COMMERCIAL-INDUSTRIAL LOAD MGT
1823322	PRICE RESPONSIVE LOAD MGMT
4560060	OTHER ELECTRIC REVENUE PARKING
4560020	JOB ORDER REVENUES
4560120	OTHER REVENUE-BERS-BLDG ENERGY EFF
12000347	COMMON RECOVERABLE CONS COSTS
12000349	HEATING & COOLING PROGRAM
12000351	PRIME TIME EXPENSES
12000353	RESIDENTIAL CUSTOMER ASSISTED AUDIT
12000355	RESIDENTIAL PHONE-ASSISTED AUDIT
12000357	COMPREHENSIVE HOME SURVEY
12000359	FREE HOME ENERGY CHECK
12000361	COMPREHENSIVE C/I AUDIT
12000363	FREE C/I AUDIT
12000365	WALL INSULATION
12000367	WINDOW REPLACEMENT
12000369	RESIDENTIAL BERS AUDIT
12000371	COGENERATION
12000373	WINDOW FILM
12000375	EDUCATIONAL ENERGY AWARENESS
12000377	COMMERCIAL DUCT REPAIR PROGRAM
12000379	INDUSTRIAL LOAD MANAGEMENT
12000381	CEILING INSULATION
12000383	COMMERCIAL LOAD MGMT
12000385	COMMERCIAL INDOOR LIGHTING PROGRAM
12000387	STANDBY GENERATOR PROGRAM
12000389	CONSERVATION VALUE PROGRAM
12000391	RESIDENTIAL DUCT EFFICIENCY
12000393	RENEWABLE ENERGY INITIATIVE
12000395	COMMERCIAL SOLAR WINDOW FILM
12000397	COMMERCIAL CEILING INSULATION
12000399	COMMERCIAL WALL INSULATION
12000401	COMMERCIAL ENERGY EFFICIENT MOTORS
12000403	SOLAR WATER HEATING
12000405	SOLAR PHOTOVOLTAICS
12000407	SOLAR WATER HEATING LOW-INCOME
12000409	COMMERCIAL DEMAND RESPONSE
12000411	COMMERCIAL CHILLER
12000413	COMMERCIAL LIGHTING OCCUPANCY SENSOR
12000415	COMMERCIAL REFRIGERATION
12000417	COMMERICAL WATER HEATING PROGRAM
12000419	RES. ELECTRONIC COMMUTATED MOTORS
12000421	RES. HVAC RE-COMMISIONING
12000423	SOLAR-SCHOOLS
12000425	LOW INCOME WEATHERIZATION
12000427	DSM R&D
12000429	DSM COMMERCIAL COOLING
12000431	RES. NEW CONSTRUCTION
12000433	PRICE RESPONSIVE LOAD MGMT R&D
12000435	COMMERCIAL ROOF INSULATION
12000437	COMMERCIAL EXIT SIGNS
12000439	COMM. HVAC RE-COMMISIONING
12000441	COMM. ELECTRONIC COMMUTATED MOTORS
12000443	COMMERCIAL COOL ROOF
12000445	COMM. ENERGY RECOVERY VENTILATION
12001706	HEATING & COOLING PROG ADVERTISING
12001708	PRIME TIME ADVERTISING
12001710	RESIDENTIAL CUSTOMER ASSISTED - ADVERTISING
12001712	COMPREHENSIVE HOME SURVEY ADVERTISING
12001714	FREE HOME ENERGY CHECK ADVERTISING
12001716	FREE C/I AUDIT ADVERTISING
12001718	INDUSTRIAL LOAD MANAGMENT ADVERTISING
12001740	CEILING INSULATION ADVERTISING
12001742	C&I LOAD MANAGEMENT ADVERTISING
12001744	COMMERCIAL INDOOR LIGHTING PROGRAM ADVERTISING
12001746	STANDBY GENERATOR PROGRAM ADVERTISING
12001748	CONSERVATION VALUE PROGRAM ADVERTISING
12001750	RESIDENTIAL DUCT EFFICIENCY ADVERTISING
12001752	RENEWABLE ENERGY INITIATIVE ADVERTISING
12001754	COMMERCIAL COOLING ADVERTISING
12001756	RES. NEW CONSTRUCTION ADVERTISING
12001758	PRICE RESPONSIVENESS LOAD MGMT

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Summary of Expenses by Program by Month
For Months January 2014 through December 2014

	Program Name	January	February	March	April	May	June	July	August	September	October	November	December	Total
1	Heating and Cooling (E)	90,266	82,909	110,154	88,809	99,908	123,015	126,552	153,825	128,905	138,483	99,475	62,230	1,304,531
2	Prime Time (D)	553,487	533,389	485,480	396,025	425,446	423,513	391,080	349,076	399,181	369,044	385,420	411,551	5,122,692
3	Energy Audits (E)	81,073	130,316	130,566	279,155	220,176	142,114	223,200	219,611	270,150	214,727	196,333	295,883	2,403,304
4	Cogeneration (E)	7,135	9,572	11,072	10,996	12,085	7,147	8,142	9,478	8,426	9,683	7,148	8,033	108,917
5	C & I Load Mngmt (D)	-	-	224	-	1,988	994	1,285	3,922	994	994	-	30	10,431
6	Commerical Lighting (E)	24,948	155,264	75,447	226,794	26,849	31,349	26,188	22,744	13,085	34,286	39,711	118,653	795,318
7	Standby Generator (D)	257,750	234,819	264,379	248,839	235,232	232,195	231,536	231,581	231,790	234,851	234,447	232,457	2,869,876
8	Conservation Value (E)	1,477	105,672	2,386	6,230	2,555	1,123	1,049	3,735	1,057	1,544	1,143	1,611	129,582
9	Duct Repair (E)	35,899	25,413	32,841	26,543	25,591	38,584	41,350	39,275	34,445	38,769	27,259	44,399	410,368
10	Renewable Energy Initiative (E)	-	-	-	-	-	-	-	(1,564)	-	0	1	-	(1,563)
11	Renewable Energy Systems Initiative (E)	10,543	272,791	452,406	6,914	170,329	36,528	31,105	78,460	126,804	88,346	12,127	168,498	1,454,851
12	Industrial Load Management (D)	1,492,142	1,512,019	1,492,658	1,534,936	1,156,285	1,735,628	1,315,030	1,450,152	1,204,839	1,161,491	1,164,003	1,115,996	16,335,179
13	DSM R&D (D&E) (50% D, 50% E)	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Commercial Cooling	1,651	18,834	5,509	1,792	3,400	3,396	3,398	23,397	4,108	10,135	20,346	15,384	111,350
15	Residential New Construction	260,066	103,082	93,803	107,995	151,831	65,313	77,529	257,812	115,344	352,475	191,934	39,497	1,816,681
16	Common Expenses (D&E) (50% D, 50% E)	132,941	86,667	85,706	106,731	140,088	106,218	92,945	90,560	66,192	175,969	72,753	55,867	1,212,637
17	Price Responsive Load Mgmt (D&E) (50% D, 50% E)	395,253	314,308	358,186	261,132	307,468	263,429	299,093	190,644	305,901	317,224	295,552	318,435	3,626,625
18	Residential Building Improvement	141,921	152,699	196,122	149,438	269,641	189,032	232,725	214,351	127,556	182,456	113,382	200,263	2,169,586
19	Residential Electronic Commutated Motors	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Educational Energy Awareness (Pilot)	2,890	6,871	8,163	6,564	7,372	19,701	4,190	5,027	5,200	4,112	2,964	5,485	78,539
21	Residential Re-Commissioning (E)	1,034	1,266	1,607	1,430	3,357	851	1,676	684	1,500	1,510	765	416	16,096
22	Residential Low-Income Weatherization	173,900	141,756	127,079	262,207	187,250	341,301	196,390	210,416	223,302	527,319	168,896	419,176	2,978,992
23	Commerical Duct Repair	4,787	8,968	5,805	6,913	4,893	6,976	1,745	10,866	9,120	5,318	3,841	5,092	74,324
24	Commercial Energy Recovery Ventilation	-	-	-	-	-	-	-	-	-	-	109	54	163
25	Commerical Building Improvement	4,184	27,122	13,032	6,915	8,281	8,130	4,031	9,471	41,054	5,833	17,178	3,133	148,364
26	Commercial Energy Efficiency Motors	47	95	121	47	-	649	-	-	-	-	294	-	1,253
27	Commercial Demand Response	278,126	31,454	1,671	1,339	1,225,942	203,221	209,638	201,729	238,304	291,779	319,509	2,398	3,005,110
28	Commerical Chiller Replacement	-	-	2,118	111	430	4,831	-	-	-	2,523	17,959	217	28,189
29	Commerical Occupancy Sensors (Lighting)	13,845	13,056	4,495	1,556	299	54	1,267	94	2	-	375	2,088	37,131
30	Commerical Refrigeration (Anti-Condensate)	-	-	-	-	-	-	-	-	-	-	54	-	54
31	Commerical Water Heating	-	-	74	-	-	109	-	-	109	-	27	-	319
32	Commercial HVAC Re-Commissioning	4,578	1,373	2,020	1,318	1,871	1,247	1,247	1,122	1,324	1,757	14,404	6,221	38,482
33	Commercial Electronic Commutated Motors	-	-	-	-	-	-	-	-	-	-	109	217	326
34	Cool Roof	60,375	2,543	16,705	40,300	48,284	11,592	37,713	3,961	16,100	19,607	33,891	41,730	332,801
	Total	4,030,318	3,972,258	3,979,829	3,781,029	4,736,851	3,998,240	3,560,104	3,780,429	3,574,792	4,190,235	3,441,409	3,575,014	46,620,508
	Less: Amount Included in Base Rates	-	-	-	-	-	-	-	-	-	-	-	-	-
	Recoverable Conservation Expenses	4,030,318	3,972,258	3,979,829	3,781,029	4,736,851	3,998,240	3,560,104	3,780,429	3,574,792	4,190,235	3,441,409	3,575,014	46,620,508

13

DOCKET NO. 150002-EG
FINAL ECCR 2014 TRUE-UP
EXHIBIT MRR-1, SCHEDULE CT-3, PAGE 1 OF 3

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up and Interest Provision
For Months January 2014 through December 2014

Description	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Residential Conservation Audit Fees (A)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2 Conservation Adjustment Revenues *	3,731,048	3,718,416	3,401,290	3,411,799	3,981,359	4,606,008	4,818,485	4,738,693	4,845,444	4,220,351	3,607,110	3,610,158	48,690,159
3 Total Revenues	3,731,048	3,718,416	3,401,290	3,411,799	3,981,359	4,606,008	4,818,485	4,738,693	4,845,444	4,220,351	3,607,110	3,610,158	48,690,159
4 Prior Period True-up	456,393	456,393	456,393	456,393	456,393	456,393	456,393	456,393	456,393	456,393	456,393	456,398	5,476,721
5 Conservation Revenue Applicable to Period	4,187,441	4,174,809	3,857,683	3,868,192	4,437,752	5,062,401	5,274,878	5,195,086	5,301,837	4,676,744	4,063,503	4,066,556	54,166,880
6 Conservation Expenses	4,030,318	3,972,258	3,979,829	3,781,029	4,736,851	3,998,240	3,560,104	3,780,429	3,574,792	4,190,235	3,441,409	3,575,014	46,620,508
7 True-up This Period (Line 5 - Line 6)	157,123	202,551	(122,146)	87,163	(299,099)	1,064,161	1,714,774	1,414,657	1,727,045	486,509	622,094	491,542	7,546,372
8 Interest Provision This Period	320	253	232	250	180	141	223	278	334	367	446	603	3,627
9 True-up & Interest Provision Beginning of Period	$5,476,721	5,177,771	4,924,182	4,345,875	3,976,895	3,221,583	3,829,492	5,088,096	6,046,638	7,317,624	7,348,107	7,514,254	5,476,721
10 Prior Period True-up Collected (Refunded)	(456,393)	(456,393)	(456,393)	(456,393)	(456,393)	(456,393)	(456,393)	(456,393)	(456,393)	(456,393)	(456,393)	(456,398)	(5,476,721)
11 End of Period Total Net True-up	$5,177,771	$4,924,182	$4,345,875	$3,976,895	$3,221,583	$3,829,492	$5,088,096	$6,046,638	$7,317,624	$7,348,107	$7,514,254	$7,550,001	$7,549,999

14

* Net of Revenue Taxes

(A) Included in Line 6

DOCKET NO. 150002-EG
FINAL ECCR 2014 TRUE-UP
EXHIBIT MRR-1, SCHEDULE CT-3, PAGE 2 OF 3

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up and Interest Provision
For Months January 2014 through December 2014

Interest Provision	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Beginning True-up Amount	$5,476,721	$5,177,771	$4,924,182	$4,345,875	$3,976,895	$3,221,583	$3,829,492	$5,088,096	$6,046,638	$7,317,624	$7,348,107	$7,514,254	
2 Ending True-up Amount Before Interest	5,177,451	4,923,929	4,345,643	3,976,645	3,221,403	3,829,351	5,087,873	6,046,360	7,317,290	7,347,740	7,513,808	7,549,398	
3 Total Beginning & Ending True-up	10,654,172	10,101,700	9,269,825	8,322,520	7,198,298	7,050,934	8,917,365	11,134,456	13,363,928	14,665,364	14,861,915	15,063,652	
4 Average True-up Amount (50% of Line 3)	5,327,086	5,050,850	4,634,913	4,161,260	3,599,149	3,525,467	4,458,683	5,567,228	6,681,964	7,332,682	7,430,958	7,531,826	
5 Interest Rate - First Day of Month	0.080%	0.070%	0.060%	0.070%	0.080%	0.040%	0.060%	0.060%	0.070%	0.060%	0.070%	0.080%	
6 Interest Rate - First Day of Next Month	0.070%	0.060%	0.070%	0.080%	0.040%	0.060%	0.060%	0.070%	0.060%	0.070%	0.080%	0.100%	
7 Total (Line 5 + Line 6)	0.150%	0.130%	0.130%	0.150%	0.120%	0.100%	0.120%	0.130%	0.130%	0.130%	0.150%	0.180%	
8 Average Interest Rate (50% of Line 7)	0.075%	0.065%	0.065%	0.075%	0.060%	0.050%	0.060%	0.065%	0.065%	0.065%	0.075%	0.090%	
9 Monthly Average Interest Rate (Line 8/12)	0.006%	0.005%	0.005%	0.006%	0.005%	0.004%	0.005%	0.005%	0.005%	0.005%	0.006%	0.008%	
10 Interest Provision (Line 4 x Line 9)	$320	$253	$232	$250	$180	$141	$223	$278	$334	$367	$446	$603	$3,627

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
For Months January 2014 through December 2014

PRICE RESPONSIVE LOAD MANAGEMENT

Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investment		$ 159,812	$ 169,050	$ 135,859	$ 148,364	$ 142,668.60	$ 146,144.03	$ 165,276.56	$ 181,969.22	$ 223,428.02	$ 183,174.06	$ 183,702.46	$ 119,666.78	$1,959,114
2 Retirements		-	-	6,845	480	87,572	69,742	541	97,055	48,758	189,863	196,711	73,208	770,774
3 Depreciation Base		5,371,071	5,540,121	5,669,135	5,817,018	5,872,114	5,948,516	6,113,252	6,198,167	6,372,837	6,366,148	6,353,140	6,399,599	
4 Depreciation Expense		88,186	90,927	93,410	95,718	97,409	98,505	100,515	102,595	104,758	106,158	105,994	106,273	1,190,448
5 Cumulative Investment	$5,211,259	$5,371,071	$5,540,121	$5,669,135	$5,817,018	$5,872,114	$5,948,516	$6,113,252	$6,198,167	$6,372,837	$6,366,148	$6,353,140	$6,399,599	$6,399,599
6 Less: Accumulated Depreciation	2,601,566	2,689,752	2,780,679	2,867,244	2,962,482	2,972,319	3,001,082	3,101,056	3,106,596	3,162,596	3,078,891	2,988,174	3,021,239	3,021,239
7 Net Investment	$2,609,693	$2,681,319	$2,759,442	$2,801,891	$2,854,536	$2,899,795	$2,947,434	$3,012,196	$3,091,571	$3,210,241	$3,287,257	$3,364,966	$3,378,360	$3,378,360
8 Average Investment		2,645,506	2,720,381	2,780,667	2,828,214	2,877,166	2,923,615	2,979,815	3,051,884	3,150,906	3,248,749	3,326,112	3,371,663	
9 Return on Average Investment - Equity Component		15,926	16,377	16,740	17,026	17,321	17,601	17,592	18,017	18,602	19,180	19,636	19,905	213,923
10 Return on Average Investment - Debt Component		4,872	5,010	5,121	5,209	5,299	5,385	5,052	5,174	5,342	5,507	5,639	5,716	63,326
11 Total Depreciation and Return		$108,984	$112,314	$115,271	$117,953	$120,029	$121,491	$123,159	$125,786	$128,702	$130,845	$131,269	$131,894	$1,467,697

Note: Depreciation expense is calculated using a useful life of 60 months.
Line 9 x 7.2242% x 1/12 (Jan-Jun) and Line 9 x 7.0844% x1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
Line 10 x 2.2101% x 1/12 (Jan-Jun) and Line 10 x 2.0343% x 1/12 (Jul-Dec).

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
For Months January 2014 through December 2014

INDUSTRIAL LOAD MANAGEMENT

Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investment		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$0
2 Retirements		-	-	-	-	-	-	-	-	-	-	-	-	0
3 Depreciation Base		55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	
4 Depreciation Expense		919	919	919	919	919	919	919	919	919	919	919	919	11,028
5 Cumulative Investment	$55,126	$55,126	$55,126	$55,126	$55,126	$55,126	$55,126	$55,126	$55,126	$55,126	$55,126	$55,126	$55,126	$55,126
6 Less: Accumulated Depreciation	5,541	6,460	7,379	8,298	9,217	10,136	11,055	11,974	12,893	13,812	14,731	15,650	16,569	16,569
7 Net Investment	$49,585	$48,666	$47,747	$46,828	$45,909	$44,990	$44,071	$43,152	$42,233	$41,314	$40,395	$39,476	$38,557	$38,557
8 Average Investment		49,126	48,207	47,288	46,369	45,450	44,531	43,612	42,693	41,774	40,855	39,936	39,017	
9 Return on Average Investment		296	290	285	279	274	268	257	252	247	241	236	230	3,155
10 Return Requirements		90	89	87	85	84	82	74	72	71	69	68	66	937
11 Total Depreciation and Return		$1,305	$1,298	$1,291	$1,283	$1,277	$1,269	$1,250	$1,243	$1,237	$1,229	$1,223	$1,215	$15,120

Note: Depreciation expense is calculated using a useful life of 60 months.
Line 9 x 7.2242% x 1/12 (Jan-Jun) and Line 9 x 7.0844% x1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
Line 10 x 2.2101% x 1/12 (Jan-Jun) and Line 10 x 2.0343% x 1/12 (Jul-Dec).

CT-5
Page 1 of 1

TAMPA ELECTRIC COMPANY
Reconciliation and Explanation of
Difference Between Filing and FPSC Audit
For Months January 2014 through December 2014

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

Program Description and Progress

Program Title: Heating and Cooling Program

Program Description: This residential rebate program encourages residential customers to install high-efficiency residential heating and cooling equipment in existing homes.

Program Accomplishments: January 1, 2014 to December 31, 2014

In this reporting period 4,292 units were installed.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $1,304,531.

Program Progress Summary: Through this reporting period 189,147 approved units have been installed.

Program Description and Progress

Program Title: Prime Time

Program Description: This load management incentive program encourages residential customers to allow the control for reducing weather-sensitive heating, cooling and water heating through a radio signal control mechanism. The participating customers receive monthly incentives as credits on their electric bills. Per Commission Order No. PSC-05-0181-PAA-EG issued February 16, 2005, this program is closed to new participants.

Program Accomplishments: January 1, 2014 to December 31, 2014

There were 11,202 net customers that discontinued participation during this reporting period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $5,122,692.

Program Progress Summary: Through this reporting period there are 26,280 participating customers.

Program Description and Progress

Program Title: Energy Audits

Program Description: These are a "how to" information and analysis guide for customers. Six types of audits are available to Tampa Electric customers; four types are for residential class customers and two types are for commercial/industrial customers.

Program Accomplishments: January 1, 2014 to December 31, 2014

Number of audits completed:
Residential on-site – 9,520
Residential customer assisted – 1,067
Commercial on-site – 716

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $2,403,304.

Program Progress Summary: Through this reporting period 325,971 on-site audits have been performed. Additionally, the company has processed 122,420 residential and commercial customer assisted audits.

Program Description and Progress

Program Title: Cogeneration

Program Description: This incentive program allows for large industrial customers with waste heat or fuel resources to install electric generating equipment to meet their own electrical requirements and/or sell their surplus to the company.

Program Accomplishments: January 1, 2014 to December 31, 2014

The company continued communication and interaction with all present and potential customers.

Tampa Electric completed the development and publication of the 20-Year Cogeneration Forecast, reviewed proposed cogeneration opportunities for cost-effectiveness and answered data requests from existing cogenerators. The company also attended meetings as scheduled with cogeneration customer personnel at selected facilities.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $108,917.

Program Progress Summary: The total maximum generation by electrically interconnected cogeneration during 2014 was approximately 486 MW and 2,159 GWH. This amount was lower than 2013 due to two facilities being down for some time period for maintenance on their generators.

The company continues interaction with current and potential cogeneration developers regarding on-going and future cogeneration activities. Currently there are 11 Qualifying Facilities with generation on-line in Tampa Electric's service area.

Program Description and Progress

Program Title: Commercial Load Management

Program Description: This load management incentive program that encourages commercial and industrial customers to allow the control for reducing weather-sensitive heating, cooling, water heating and other technologies through a radio signal control mechanism.

Program Accomplishments: January 1, 2014 to December 31, 2014

There were no customers added or removed from the program during this reporting period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $10,431.

Program Progress Summary: Through this reporting period there are six participating customers.

Program Description and Progress

Program Title: Commercial Lighting

Program Description: This rebate program encourages commercial and industrial customer to invest in more efficient lighting technologies in existing commercial facilities.

Program Accomplishments: January 1, 2014 to December 31, 2014

Number of incentives paid:

Conditioned space - 112
Un-conditioned space - 21
Exit signs - 12

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual program expenses were $795,318.

Program Progress Summary: Through this reporting period 1897 customers have received an incentive.

Program Description and Progress

Program Title: Standby Generator

Program Description: This incentive program is designed to utilize the emergency generation capacity of commercial/ industrial facilities in order to reduce weather sensitive peak demand.

Program Accomplishments: January 1, 2014 to December 31, 2014

There were two net customers added during this reporting period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $2,869,876.

Program Progress Summary: Through this reporting period there are 99 participating customers.

Program Description and Progress

Program Title: Conservation Value

Program Description: This rebate program encourages commercial and industrial customers to invest in energy efficiency and conservation measures that are not sanctioned by other commercial programs.

Program Accomplishments: January 1, 2014 to December 31, 2014

There were two new customers that qualified for an incentive during this reporting period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $129,582.

Program Progress Summary: Through this reporting period 45 customers have qualified and received the appropriate incentive.

Pursuant to Docket No. 900885-EG, Commission Order No. 24276, issued March 25, 1991 for the purpose of approving Tampa Electric Company's Conservation Value Program, the company is filing the attached table. Specifically, the table provides incentive payments as well as other program costs incurred during the January through December 2014 period. The table format was filed with the Commission on April 23, 1991 in response to the aforementioned order requesting the program participation standards.

TAMPA ELECTRIC COMPANY
CONSERVATION VALUE PROGRAM
CUSTOMER INCENTIVE PAYMENT SCHEDULE
JANUARY 2014 - DECEMBER 2014

CUSTOMER DATA		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
HILLSBOROUGH COUNTY SCHOOLS - DURANT			$60,000										
AVG. SUM DEMAND SAVING:	489												
AVG. WIN DEMAND SAVING:	0												
ANNUAL ENERGY SAVING:	50,000												
HILLSBOROUGH COUNTY SCHOOLS - TWIN LAKES[(1)]			$41,415										
AVG. SUM DEMAND SAVING:	301.2												
AVG. WIN DEMAND SAVING:	0												
ANNUAL ENERGY SAVING:	109												
MONTHLY TOTALS:		$0	$101,415	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

TOTAL INCENTIVES PAID FOR PERIOD: **$101,415**
TOTAL OTHER EXPENSES FOR PERIOD: **$28,167**
GRAND TOTAL EXPENSES FOR PERIOD: **$129,582**

(1) Represents second half of incentive paid. Initial payment made in 2012.

Program Description and Progress

Program Title: Duct Repair

Program Description: This residential rebate program encourages residential customers to repair leaky duct work of central air conditioning systems in existing homes.

Program Accomplishments: January 1, 2014 to December 31, 2014

In this reporting period 1,706 customers have participated.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $410,368.

Program Progress Summary: Through this reporting period 96,034 customers have participated.

Program Description and Progress

Program Title: Renewable Energy Initiative

Program Description: This program is designed to assist in the delivery of renewable energy for the company's Renewable Energy Program. This specific effort provides funding for program administration, evaluation and market research.

Program Accomplishments: January 1, 2014 to December 31, 2014

Net customers discontinued – 137
Net blocks of energy purchased – 53
One time blocks of energy sold - 565

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $202,072.

Program Progress Summary: Through this reporting period 1,975 customers are participating purchasing a total of 2,937 blocks of energy.

Program Description and Progress

Program Title:	Renewable Energy Systems Initiative (Pilot)
Program Description:	This is a five-year renewable energy pilot program that uses rebates and incentives to encourage the following: 1) the installation of solar photovoltaic ("PV") on existing and new residential and commercial premises; 2) the installation of solar water heating ("SWH") technologies on existing and new residential premises; 3) the installation of PV on emergency shelter schools coupled with an educational component for teachers and students; and 4) the installation of SWH on low income housing done in partnership with local non-profit building organizations.
Program Accomplishments:	January 1, 2014 to December 31, 2014 Number of systems installed: Residential PV - 60 Commercial PV - 1 School PV - 1 Residential SWH - 54 Low-income SWH - 4
Program Fiscal Expenditures:	January 1, 2014 to December 31, 2014 Actual expenses were $1,454,851.
Program Progress Summary:	Through this reporting period the following renewable measures have been installed: Residential PV - 228 Commercial PV - 25 School PV - 4 Residential SWH - 174 Low-income SWH - 13

Program Description and Progress

Program Title: Industrial Load Management

Program Description: This load management program is for large industrial customers with interruptible loads of 500 kW or greater.

Program Accomplishments: January 1, 2014 to December 31, 2014

No new customer qualified for participation during this reporting period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $16,335,179.

Program Progress Summary: This program was approved by the Commission in Docket No. 990037-EI, Order No. PSC-99-1778-FOF-EI, issued September 10, 1999.

Beginning May 2009, Tampa Electric transferred existing IS (non-firm) customers to a new IS (firm) rate schedule. These customers are now incented under GSLM-2 or GSLM-3 rate riders with expenses recovered through the ECCR clause.

Program Description and Progress

Program Title:	DSM Research and Development (R&D)
Program Description:	This is a five-year R&D program directed at end-use technologies (both residential and commercial) not yet commercially available or where insufficient data exists for measure evaluations specific to central Florida climate.
Program Accomplishments:	January 1, 2014 to December 31, 2014 There were no new DSM R&D activities during this reporting period.
Program Fiscal Expenditures:	January 1, 2014 to December 31, 2014 There were no new DSM R&D expenses during this reporting period.
Program Progress Summary:	For 2014, Tampa Electric had no new activity in DSM R&D.

Program Description and Progress

Program Title: Commercial Cooling

Program Description: This rebate program encourages commercial and industrial customer to install high efficiency direct expansion commercial and packaged terminal air conditioning cooling equipment.

Program Accomplishments: January 1, 2014 to December 31, 2014

In this reporting period 375 units were installed.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $111,350.

Program Progress Summary: Through this reporting period 2,055 approved units have been installed.

Program Description and Progress

Program Title: Residential New Construction

Program Description: This rebate program encourages residential customers to construct residential dwellings at efficiency levels greater than current Florida building code baseline practices.

Program Accomplishments: January 1, 2014 to December 31, 2014

In this reporting period 2,277 homes qualified.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $1,816,681.

Program Progress Summary: Through this reporting period 9,274 approved homes have participated.

Program Description and Progress

Program Title: Common Expenses

Program Description: These are expenses common to all programs.

Program Accomplishments: January 1, 2014 to December 31, 2014

N/A

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $1,212,637.

Program Progress Summary: N/A

Program Description and Progress

Program Title: Price Responsive Load Management

Program Description: This program reduces weather-sensitive loads through an innovative price responsive rate used to encourage residential customers to make behavioral or equipment usages changes by pre-programming HVAC, water heating and pool pumps.

Program Accomplishments: January 1, 2014 to December 31, 2014

There were 1,007 net customers that were added during this reporting period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $3,626,625.

Program Progress Summary: Through this reporting period 3,196 customers are participating in the program.

Program Description and Progress

Program Title: Residential Building Envelope Improvement

Program Description: This is a rebate program that encourages existing residential customers to install additional ceiling and wall insulation, window film and window upgrades in existing homes.

Program Accomplishments: January 1, 2014 to December 31, 2014

Number of installations completed:

Ceiling insulation installed – 5,880
Exterior wall insulation installed – 14
Window replacement installations – 1,619
Window film installations – 397

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $2,169,586.

Program Progress Summary: Through this reporting period the following measures have been installed:

Ceiling insulation – 117,473
Exterior wall insulation – 63
Window replacement – 8,496
Window film – 2,961

Program Description and Progress

Program Title:	Residential Electronic Commutated Motors
Program Description:	This rebate program encourages residential customers to replace their existing HVAC air handler motor with an ECM
Program Accomplishments:	January 1, 2014 to December 31, 2014 No new customer qualified for participation during this reporting period.
Program Fiscal Expenditures:	January 1, 2014 to December 31, 2014 Actual expenses were $0.
Program Progress Summary:	Through this reporting period one customer has participated in the program.

Program Description and Progress

Program Title: Energy Education Outreach

Program Description: This program provides opportunities for engaging and educating groups of customers and students on energy-efficiency and conservation in an organized setting. Participants are provided with an energy savings kit which includes energy saving devices and supporting information appropriate for the audience.

Program Accomplishments: January 1, 2014 to December 31, 2014

In this reporting period Tampa Electric partnered with 4 local schools to present Energy Education to 1,500 students through 8 classroom presentations. Tampa Electric also continues to partner with Junior Achievement BizTown presenting Energy Education to 15,500 students representing 180 local schools. In addition, the company gave 36 presentations to civic organizations and distributed 1,124 energy saving kits to participating customers.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $78,539.

Program Progress Summary: Through this reporting period Tampa Electric has partnered with 103 local schools to present Energy Education to 32,626 students. In addition, the company gave 83 presentations to civic organizations that generated 637 customer assisted audits and distributed 3,217 energy saving kits to participating customers.

Program Description and Progress

Program Title: Residential HVAC Re-commissioning

Program Description: This rebate program encourages residential customers to have maintenance and tuning of their existing HVAC equipment performed.

Program Accomplishments: January 1, 2014 to December 31, 2014

There were 78 customers that participated during this reporting period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $16,096.

Program Progress Summary: Through this reporting period 955 customers have participated.

Program Description and Progress

Program Title: Residential Low-Income Weatherization

Program Description: This program provides for the installation of energy efficient measures for qualified low-income customers.

Program Accomplishments: January 1, 2014 to December 31, 2014

There were 7,859 customers who participated in the program during this period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $2,978,992.

Program Progress Summary: Through this reporting period 15,975 customers have participated in the program.

Program Description and Progress

Program Title: Commercial Duct Repair

Program Description: This rebate program encourages commercial and industrial customers to repair leaky duct work of central air conditioning systems in facilities.

Program Accomplishments: January 1, 2014 to December 31, 2014

In this reporting period 172 customers have participated in the program.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $74,324.

Program Progress Summary: Through this reporting period 10,677 customers have participated in the program.

Program Description and Progress

Program Title: Commercial Energy Recovery Ventilation

Program Description: This rebate program encourages commercial and industrial customers to install an ERV within their HVAC system.

Program Accomplishments: January 1, 2014 to December 31, 2014

No new customers qualified for participation during this reporting period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $163.

Program Progress Summary: Through this reporting period three customers have participated in the program.

Program Description and Progress

Program Title: Commercial Building Envelope Improvement

Program Description: This rebate program encourages commercial and industrial customers to install additional ceiling, wall and attic insulation and window film in existing commercial structures.

Program Accomplishments: January 1, 2014 to December 31, 2014

Number of installations completed:

Ceiling insulation installed – 37
Roof insulation - 6
Exterior wall insulation installed – 0
Window film installations – 22

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $148,364.

Program Progress Summary: Through this reporting period the following measures have been installed:

Ceiling insulation – 251
Roof insulation - 6
Exterior wall insulation – 2
Window film – 100

Program Description and Progress

Program Title: Commercial Efficient Motors

Program Description: This rebate program encourages commercial and industrial customers to install high-efficiency motors.

Program Accomplishments: January 1, 2014 to December 31, 2014

In this reporting period four customers have participated in the program.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $1,253.

Program Progress Summary: Through this reporting period 124 customers have participated in the program.

Program Description and Progress

Program Title:	Commercial Demand Response
Program Description:	This turn-key incentive program for commercial and industrial customers to reduce their demand for electricity in response to market signals.
Program Accomplishments:	January 1, 2014 to December 31, 2014 See Program Progress Summary below.
Program Fiscal Expenditures:	January 1, 2014 to December 31, 2014 Actual expenses were $3,005,110.
Program Progress Summary:	Through this reporting period the company's vendor maintains a portfolio of participating customers providing an available total of 40 MW for control.

Program Description and Progress

Program Title: Commercial Chillers

Program Description: This rebate program encourages commercial and industrial customers to install high efficiency chiller equipment.

Program Accomplishments: January 1, 2014 to December 31, 2014

There were 10 customers who participated in the program during this period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $28,189.

Program Progress Summary: Through this reporting period 49 customers have participated in the program.

Program Description and Progress

Program Title: Commercial Occupancy Sensors

Program Description: This rebate program encourages commercial and industrial customers to install occupancy sensors to control commercial lighting systems.

Program Accomplishments: January 1, 2014 to December 31, 2014

There were 48 customers who participated in the program during this period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $37,131.

Program Progress Summary: Through this reporting period 198 customers have participated in the program.

Program Description and Progress

Program Title: Commercial Refrigeration (Anti-Condensate)

Program Description: This rebate program encourages commercial and industrial customers to install anti-condensate equipment sensors and control within refrigerated door systems.

Program Accomplishments: January 1, 2014 to December 31, 2014

For the reporting period there were no customers who participated in the program.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $54.

Program Progress Summary: Expenses incurred were associated with administration and participation protocols.

Program Description and Progress

Program Title: Commercial Water Heating

Program Description: This rebate program encourages commercial and industrial customer to install high efficiency water heating systems.

Program Accomplishments: January 1, 2014 to December 31, 2014

For the reporting period there were no customers who participated in the program.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $319.

Program Progress Summary: Expenses incurred were associated with administration and participation protocols.

Program Description and Progress

Program Title: Commercial HVAC Re-commissioning

Program Description: This rebate program that encourages commercial and industrial customers to have maintenance and tuning of their existing HVAC equipment performed.

Program Accomplishments: January 1, 2014 to December 31, 2014

There were 68 customers that participated during this reporting period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were $38,482.

Program Progress Summary: Through this reporting period 296 customers have participated.

Program Description and Progress

Program Title:	Commercial Electronic Commutated Motors
Program Description:	This rebate program encourages commercial and industrial customers to replace their existing air handler motors or refrigeration fan motors with an ECM.
Program Accomplishments:	January 1, 2014 to December 31, 2014 No customers qualified for participation during this reporting period.
Program Fiscal Expenditures:	January 1, 2014 to December 31, 2014 Actual expenses were $326.
Program Progress Summary:	Expenses incurred were associated with administration and participation protocols.

Program Description and Progress

Program Title:	Commercial Cool Roof
Program Description:	This rebate program that encourages commercial and industrial customers to install a cool roof system above conditioned spaces.
Program Accomplishments:	January 1, 2014 to December 31, 2014 In this reporting period 32 customers have participated.
Program Fiscal Expenditures:	January 1, 2014 to December 31, 2014 Actual expenses were $332,801.
Program Progress Summary:	Through this reporting period 149 customers have participated in the program.

CONSERVATION COSTS
PROJECTED

INDEX

SCHEDULE	TITLE	PAGE
___	Calculation Of Energy & Demand Allocation % By Rate Class	14
C-1	Summary of Cost Recovery Clause Calculation	15
C-2	Program Costs - Projected	16
C-3	Program Costs - Actual and Projected	20
C-4	Calculation of Conservation Revenues	27
C-5	Program Description and Progress	28
___	Calculation of GSLM-2 and GSLM-3 Contracted Credit Value	63
___	Detail of RSVP-1 Rates	68

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 150002-EG EXHIBIT: 13
PARTY: TAMPA ELECTRIC COMPANY (TECO) – DIRECT
DESCRIPTION: Mark R. Roche MRR-3

TAMPA ELECTRIC COMPANY
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
JANUARY 2016 THROUGH DECEMBER 2016
Projected

	(1) AVG 12CP Load Factor at Meter (%)	(2) Projected Sales at Meter (MwH)	(3) Projected AVG 12 CP at Meter (Mw)	(4) Demand Loss Expansion Factor	(5) Energy Loss Expansion Factor	(6) Projected Sales at Generation (MwH)	(7) Projected AVG 12 CP at Generation (Mw)	(8) Percentage of Sales at Generation (%)	(9) Percentage of Demand at Generation (%)	(10) 12 CP & 1/13% Avg Demand Factor (%)
RS	53.76%	8,914,762	1,893	1.07778	1.05339	9,390,726	2,040	47.58%	56.88%	56.16%
GS,TS	58.00%	1,014,240	200	1.07778	1.05338	1,068,375	215	5.41%	5.99%	5.95%
GSD Optional	3.90%	389,753	56	1.07348	1.04958	409,078	60	2.07%	1.67%	1.70%
GSD, SBF Standard	75.17%	7,517,283	1,085	1.07348	1.04958	7,890,009	1,165	39.97%	32.48%	33.06%
IS	83.49%	739,587	101	1.02887	1.01847	753,250	104	3.82%	2.90%	2.97%
LS1	864.97%	214,899	3	1.07778	1.05339	226,373	3	1.15%	0.08%	0.16%
TOTAL		18,790,524	3,338			19,737,811	3,587	100%	100%	100%

(1) AVG 12 CP load factor based on projected 2015 calendar data.
(2) Projected MWH sales for the period Jan. 2016 thru Dec. 2016
(3) Calculated: Col (2) / (8760*Col (1)).
(4) Based on 2015 projected demand losses.
(5) Based on 2015 projected energy losses.
(6) Col (2) * Col (5).
(7) Col (3) * Col (4).
(8) Col (6) / total for Col (6).
(9) Col (7) / total for Col (7).
(10) Col (8) * 0.0769 + Col (9) * 0.9231

C-1
Page 1 of 1

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Summary of Cost Recovery Clause Calculation
For Months January 2016 through December 2016

1.	Total Incremental Cost (C-2, Page 1, Line 17)	38,194,329
2.	Demand Related Incremental Costs	25,132,960
3.	Energy Related Incremental Costs	13,061,369

RETAIL BY RATE CLASS

		RS	GS,TS	GSD, SBF STANDARD	GSD OPTIONAL	IS	LS1	Total
4.	Demand Allocation Percentage	56.16%	5.95%	33.06%	1.70%	2.97%	0.16%	100.00%
5.	Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	14,114,670	1,495,411	8,308,957	427,260	746,449	40,213	25,132,960
6.	Demand Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 6 (Allocation of D & E is based on the forecast period cost.)	(2,175,993)	(230,541)	(1,280,953)	(65,869)	(115,077)	(6,199)	(3,874,632)
7.	Total Demand Related Incremental Costs	11,938,677	1,264,871	7,028,003	361,392	631,372	34,013	21,258,328
8.	Energy Allocation Percentage	47.58%	5.41%	39.97%	2.07%	3.82%	1.15%	100.00%
9.	Net Energy Related Incremental Costs	6,214,599	706,620	5,220,629	270,370	498,944	150,206	13,061,369
10.	Energy Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 6 (Allocation of D & E is based on the forecast period cost.)	(1,129,918)	(128,475)	(949,198)	(49,158)	(90,716)	(27,310)	(2,374,775)
11.	Total Net Energy Related Incremental Costs	5,084,681	578,145	4,271,432	221,212	408,228	122,896	10,686,594
12.	Total Incremental Costs (Line 5 + 9)	20,329,270	2,202,031	13,529,586	697,631	1,245,393	190,418	38,194,329
13.	Total True Up (Over)/Under Recovery (Line 6 + 10) (Schedule C-3, Pg 6, Line 11) (Allocation of D & E is based on the forecast period cost.)	(3,305,911)	(359,016)	(2,230,151)	(115,027)	(205,793)	(33,509)	(6,249,407)
14.	Total (Line 12 + 13)	17,023,358	1,843,015	11,299,435	582,604	1,039,600	156,909	31,944,922
15.	Retail MWH Sales	8,914,762	1,014,240	7,517,283	389,753	739,587	214,899	18,790,524
16	Effective MWH at Secondary	8,914,762	1,014,240	7,517,283	389,753	739,587	214,899	18,790,524
17.	Projected Billed KW at Meter	*	*	17,530,792	*	1,955,828	*	
18.	Cost per KWH at Secondary (Line 14/Line 16)	0.19096	0.18171	*	0.14948	*	0.07302	
19.	Revenue Tax Expansion Factor	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	
20.	Adjustment Factor Adjusted for Taxes	0.1911	0.1818	*	0.1496	*	0.0731	
21.	Conservation Adjustment Factor (cents/KWH)							
	RS, GS, TS, GSD Optional and LS1 Rates (cents/KWH) *							
	- Secondary	0.191	0.182		0.150		0.073	
	- Primary				0.149			
	- Subtransmission				0.147			
	GSD, SBF, IS Standard Rates ($/KW) *							
	Full Requirement							
	- Secondary	*	*	0.65	*	0.53	*	
	- Primary	*	*	0.64	*	0.53	*	
	- Subtransmission	*	*	0.63	*	0.52	*	

* (ROUNDED TO NEAREST .001 PER KWH or KW)

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Estimated For Months January 2016 through December 2016

ESTIMATED

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1 Heating and Cooling (E)	47,094	47,094	50,491	48,046	47,446	47,642	47,250	47,211	50,491	47,811	46,859	47,659	575,094
2 Prime Time (D)	310,306	290,306	270,047	259,665	228,416	208,154	192,374	192,374	203,915	192,543	191,905	191,788	2,731,793
3 Energy Audits (E)	200,282	219,818	219,490	169,090	163,161	170,398	162,637	156,860	159,111	193,974	162,344	151,346	2,128,511
4 Cogeneration (E)	5,320	5,320	5,320	5,320	2,710	2,710	5,320	5,320	5,320	5,320	2,710	2,710	53,400
5 Commercial Load Mgmt (D)	213	213	885	1,860	1,207	1,207	1,207	1,207	1,227	1,207	213	213	10,859
6 Commercial Lighting (E)	35,129	17,710	28,697	19,888	17,710	13,356	15,533	15,533	26,520	13,356	9,001	9,001	221,434
7 Standby Generator (D)	260,856	260,856	259,856	259,856	260,856	259,856	259,856	259,856	259,856	259,856	260,856	259,856	3,122,272
8 Conservation Value (E)	52,929	2,929	2,929	52,929	2,929	2,929	2,929	2,929	52,929	52,929	2,929	2,929	235,148
9 Duct Repair (E)	33,502	33,785	35,152	33,876	33,826	33,461	33,461	33,461	34,808	33,830	33,830	33,573	406,565
10 Renewable Energy Initiative (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Renewable Energy Systems Initiative (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Industrial Load Management (D)	1,022,527	1,102,520	1,012,513	1,302,506	1,302,500	1,302,492	1,302,486	1,202,478	1,042,472	982,466	1,002,458	962,452	13,539,870
13 DSM R&D (D&E) (50% D, 50% E)	0	0	0	0	0	0	0	40,000	40,000	40,000	40,000	40,000	200,000
14 Commercial Cooling (E)	2,847	3,382	3,649	2,847	2,580	3,382	3,114	4,184	2,312	2,580	2,847	3,114	36,838
15 Residential New Construction (E)	88,597	91,253	90,365	88,753	91,305	88,597	88,597	88,597	90,208	88,753	89,501	88,597	1,073,123
16 Common Expenses (D&E) (50% D, 50% E)	64,722	70,233	73,033	83,310	64,722	64,722	65,222	64,722	74,998	68,022	64,722	64,722	823,150
17 Price Responsive Load Mgmt (D&E) (50% D, 50% E)	248,280	253,640	248,691	271,380	270,814	276,091	265,039	268,691	263,369	276,811	270,762	272,348	3,185,916
18 Residential Building Envelope Improvement (E)	109,426	110,094	114,541	110,133	109,992	109,522	109,522	109,293	114,040	110,094	110,015	109,307	1,325,979
19 Residential Electronic Commutated Motors (E)	26	141	154	26	26	141	26	141	39	26	141	26	913
20 Energy Education Outreach (E)	10,238	10,955	12,353	11,492	10,492	9,596	8,700	9,596	9,665	8,804	7,087	6,730	115,708
21 Residential Re-Commissioning (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Residential Low- Income Weatherization (E)	303,789	304,572	305,503	323,850	303,310	304,110	304,110	304,110	306,303	304,850	303,350	303,310	3,671,167
23 Commercial Duct Repair (E)	4,411	9,238	5,847	19,857	6,100	4,411	3,687	6,100	8,744	3,928	3,204	3,928	79,455
24 Commercial Energy Recovery Ventilation (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Commercial Building Envelope Improvement (E)	3,126	10,797	3,313	3,126	4,405	31,926	96,853	94,640	10,299	15,837	6,295	6,295	286,912
26 Commercial Energy Efficient Motors (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
27 Commercial Demand Response (D)	302,008	300,703	302,008	304,160	301,355	301,355	301,355	301,355	301,616	301,855	302,855	303,008	3,623,633
28 Commercial Chiller Replacement (E)	51	51	3,835	6,137	2,359	8,684	51	6,786	5,680	4,362	51	51	38,098
29 Commercial Occupancy Sensors (Lighting) (E)	3,377	38	38	1,760	3,377	3,377	3,377	4,995	1,760	1,760	38	1,760	25,657
30 Commercial Refrigeration (Anti-Condensate) (E)	1,738	0	0	0	0	0	1,738	0	0	0	0	0	3,476
31 Commercial Water Heating (E)	1,401	13	13	13	0	13	13	13	13	13	13	0	1,518
32 Commercial HVAC Re-Commissioning (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
33 Commercial Electronic Commutated Motors	436	436	436	436	436	13	436	436	13	436	436	436	4,386
34 Cool Roof (E)	43,334	14,860	43,835	72,379	29,240	14,860	14,860	14,860	15,076	29,240	29,240	43,620	365,404
35 Commercial Non Conditioned Lighting	6,960	3,484	3,585	6,717	3,606	6,960	10,315	10,315	3,706	6,960	3,606	3,606	69,820
36 Thermal Energy Storage	0	0	44,705	0	0	34,705	69,410	0	44,705	44,705	0	0	238,230
37 Total All Programs	3,162,925	3,164,441	3,141,284	3,459,412	3,264,880	3,304,670	3,369,478	3,246,063	3,129,195	3,092,328	2,947,268	2,912,385	38,194,329
38 Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
39 Recoverable Consv. Expenses	3,162,925	3,164,441	3,141,284	3,459,412	3,264,880	3,304,670	3,369,478	3,246,063	3,129,195	3,092,328	2,947,268	2,912,385	38,194,329
Summary of Demand & Energy													
Energy	1,110,514	1,047,906	1,135,113	1,154,020	1,002,778	1,061,199	1,147,069	1,102,086	1,130,925	1,161,984	1,001,239	1,006,533	13,061,369
Demand	2,052,411	2,116,535	2,006,171	2,305,392	2,262,102	2,243,471	2,222,409	2,143,977	1,998,270	1,930,344	1,946,029	1,905,852	25,132,960
Total Recoverable Consv. Expenses	3,162,925	3,164,441	3,141,284	3,459,412	3,264,880	3,304,670	3,369,478	3,246,063	3,129,195	3,092,328	2,947,268	2,912,385	38,194,329

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Estimated For Months January 2016 through December 2016

	Program Name	(A) Capital Investment	(B) Payroll & Benefits	(C) Materials & Supplies	(D) Outside Services	(E) Advertising	(F) Incentives	(G) Vehicles	(H) Other	(I) Program Revenues	(J) Total
1	Heating and Cooling (E)	0	98,890	240	0	0	469,800	300	5,864	0	575,094
2	Prime Time (D)	0	443,147	46,212	1,788,000	0	400,680	4,200	49,554	0	2,731,793
3	Energy Audits (E)	0	1,317,999	14,700	31,880	552,501	0	114,301	97,130	0	2,128,511
4	Cogeneration (E)	0	52,200	0	0	0	0	1,200	0	0	53,400
5	Commercial Load Mgmt (D)	0	1,813	0	0	0	0	6,958	2,088	0	10,859
6	Commercial Lighting (E)	0	70,342	0	0	0	150,000	600	492	0	221,434
7	Standby Generator (D)	0	112,752	0	3,000	0	3,005,160	360	1,000	0	3,122,272
8	Conservation Value (E)	0	28,344	0	6,504	0	200,000	300	0	0	235,148
9	Duct Repair (E)	0	43,689	0	0	0	336,600	12,380	13,896	0	406,565
10	Renewable Energy Initiative (E)	0	30,036	0	144,540	0	0	744	0	(175,320)	0
11	Renewable Energy Systems Initiative (E)	0	0	0	0	0	0	0	0	0	0
12	Industrial Load Management (D)	13,010	15,660	0	0	0	13,510,000	1,200	0	0	13,539,870
13	DSM R&D (D&E) (50% D, 50% E)	0	0	0	200,000	0	0	0	0	0	200,000
14	Commercial Cooling (E)	0	17,038	0	0	0	19,500	300	0	0	36,838
15	Residential New Construction (E)	0	46,603	0	0	0	1,020,000	600	5,920	0	1,073,123
16	Common Expenses (D&E) (50% D, 50% E)	0	635,310	1,000	156,000	0	0	3,000	27,840	0	823,150
17	Price Responsive Load Mgmt (D&E) (50% D, 50% E)	1,674,793	758,460	27,785	180,000	187,002	0	72,876	285,000	0	3,185,916
18	Residential Building Envelope Improvement (E)	0	133,903	0	0	0	1,177,296	12,980	1,800	0	1,325,979
19	Residential Electronic Commutated Motors (E)	0	338	0	0	0	575	0	0	0	913
20	Energy Education Outreach (E)	0	57,786	3,000	35,842	0	0	4,440	14,640	0	115,708
21	Residential Re-Commissioning (E)	0	0	0	0	0	0	0	0	0	0
22	Residential Low- Income Weatherization (E)	0	163,137	20,500	906,250	0	2,566,500	7,280	7,500	0	3,671,167
23	Commercial Duct Repair (E)	0	33,375	0	0	0	45,000	480	600	0	79,455
24	Commercial Energy Recovery Ventilation (E)	0	0	0	0	0	0	0	0	0	0
25	Commercial Building Envelope Improvement (E)	0	25,392	0	0	0	260,570	950	0	0	286,912
26	Commercial Energy Efficient Motors (E)	0	0	0	0	0	0	0	0	0	0
27	Commercial Demand Response (D)	0	18,533	0	0	0	3,600,000	600	4,500	0	3,623,633
28	Commercial Chiller Replacement (E)	0	2,864	0	0	0	34,934	300	0	0	38,098
29	Commercial Occupancy Sensors (Lighting) (E)	0	2,857	0	0	0	22,500	300	0	0	25,657
30	Commercial Refrigeration (Anti-Condensate) (E)	0	426	0	0	0	3,000	50	0	0	3,476
31	Commercial Water Heating (E)	0	293	0	0	0	1,200	25	0	0	1,518
32	Commercial HVAC Re-Commissioning (E)	0	0	0	0	0	0	0	0	0	0
33	Commercial Electronic Commutated Motors	0	1,786	0	1,000	0	1,500	100	0	0	4,386
34	Cool Roof (E)	0	42,304	0	0	0	322,500	600	0	0	365,404
35	Commercial Non Conditioned Lighting (E)	0	29,220	0	0	0	40,000	600	0	0	69,820
36	Thermal Energy Storage (E)	0	23,490	0	3,240	0	210,000	1,500	0	0	238,230
37	Total All Programs	1,687,803	4,207,987	113,437	3,456,256	739,503	27,397,315	249,524	517,824	(175,320)	38,194,329
	Summary of Demand & Energy										
	Energy	837,396	2,919,197	52,832	1,397,256	646,002	6,881,475	198,268	304,262	(175,320)	13,061,368
	Demand	850,407	1,288,790	60,605	2,059,000	93,501	20,515,840	51,256	213,562	0	25,132,961
	Total All Programs	1,687,803	4,207,987	113,437	3,456,256	739,503	27,397,315	249,524	517,824	(175,320)	38,194,329

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return

Estimated For Months January 2016 through December 2016

PRICE RESPONSIVE LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		101,000	101,000	101,000	101,000	101,000	101,000	101,000	101,000	101,000	101,000	101,000	101,000	1,212,000
2. Retirements		17,891	209,735	27,109	66,811	78,805	160,945	42,603	190,316	78,392	100,525	58,954	81,050	1,113,136
3. Depreciation Base		6,716,914	6,608,179	6,682,070	6,716,259	6,738,454	6,678,509	6,736,906	6,647,590	6,670,198	6,670,673	6,712,719	6,732,669	
4. Depreciation Expense		111,256	111,042	110,752	111,653	112,123	111,808	111,795	111,537	110,982	111,174	111,528	112,045	1,337,695
5. Cumulative Investment	6,633,805	6,716,914	6,608,179	6,682,070	6,716,259	6,738,454	6,678,509	6,736,906	6,647,590	6,670,198	6,670,673	6,712,719	6,732,669	6,732,669
6. Less: Accumulated Depreciation	2,826,417	2,919,782	2,821,089	2,904,732	2,949,574	2,982,892	2,933,755	3,002,947	2,924,168	2,956,758	2,967,407	3,019,981	3,050,976	3,050,976
7. Net Investment	3,807,388	3,797,132	3,787,090	3,777,338	3,766,685	3,755,562	3,744,754	3,733,959	3,723,422	3,713,440	3,703,266	3,692,738	3,681,693	3,681,693
8. Average Investment		3,802,260	3,792,111	3,782,214	3,772,012	3,761,124	3,750,158	3,739,357	3,728,691	3,718,431	3,708,353	3,698,002	3,687,216	
9. Return on Average Investment - Equity Component		22,352	22,292	22,234	22,174	22,110	22,045	21,982	21,919	21,859	21,800	21,739	21,675	264,181
10. Return on Average Investment - Debt Component		6,169	6,153	6,137	6,120	6,103	6,085	6,067	6,050	6,033	6,017	6,000	5,983	72,917
11. Total Depreciation and Return		139,777	139,487	139,123	139,947	140,336	139,938	139,844	139,506	138,874	138,991	139,267	139,703	1,674,793

NOTES:
Note: Depreciation expense is calculated using a useful life of 60 months.
Line 9 x 7.0542% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
Line 10 x 1.9471% x 1/12 (Jan-Dec).

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return

Estimated For Months January 2016 through December 2016

INDUSTRIAL LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	
4. Depreciation Expense		919	919	919	919	919	919	919	919	919	919	919	919	11,028
5. Cumulative Investment	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126
6. Less: Accumulated Depreciation	27,593	28,512	29,431	30,350	31,269	32,188	33,107	34,026	34,945	35,864	36,783	37,702	38,621	38,621
7. Net Investment	27,533	26,614	25,695	24,776	23,857	22,938	22,019	21,100	20,181	19,262	18,343	17,424	16,505	16,505
8. Average Investment		27,074	26,155	25,236	24,317	23,398	22,479	21,560	20,641	19,722	18,803	17,884	16,965	
9. Return on Average Investment - Equity Component		159	154	148	143	138	132	127	121	116	111	105	100	1,554
10. Return on Average Investment - Debt Component		44	42	41	39	38	36	35	33	32	31	29	28	428
11. Total Depreciation and Return		1,122	1,115	1,108	1,101	1,095	1,087	1,081	1,073	1,067	1,061	1,053	1,047	13,010

NOTES:
Depreciation expense is calculated using a useful life of 60 months.
Line 9 x 7.0542% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
Line 10 x 1.9471% x 1/12 (Jan-Dec).

C-3
Page 1 of 7

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Actual for Months January 2015 through July 2015
Projected for Months August 2015 through December 2015

	Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
1	Heating & Cooling										
2	Actual	0	44,159	0	490	0	725,875	0	1,872	0	772,396
3	Projected	0	42,226	0	4,612	0	617,710	125	462	0	665,135
4	Total	0	86,385	0	5,102	0	1,343,585	125	2,334	0	1,437,531
5	Prime Time										
6	Actual	0	80,812	6,990	444,658	0	1,362,656	11,022	21,261	0	1,927,399
7	Projected	0	139,426	20,869	857,599	0	997,399	3,062	14,373	0	2,032,728
8	Total	0	220,238	27,859	1,302,257	0	2,360,055	14,084	35,634	0	3,960,127
9	Energy Audits										
10	Actual	0	532,702	74,257	194,953	328,418	0	96,343	30,971	0	1,257,644
11	Projected	0	562,849	5,440	120,533	190,140	5,198	61,783	17,959	0	963,902
12	Total	0	1,095,551	79,697	315,486	518,558	5,198	158,126	48,930	0	2,221,546
13	Cogeneration										
14	Actual	0	65,824	0	0	0	0	127	0	0	65,951
15	Projected	0	22,212	0	0	0	0	250	0	0	22,462
16	Total	0	88,036	0	0	0	0	377	0	0	88,413
17	Commercial Load Management										
18	Actual	0	254	0	0	0	2,982	0	0	0	3,236
19	Projected	0	0	0	427	0	3,976	0	0	0	4,403
20	Total	0	254	0	427	0	6,958	0	0	0	7,639
21	Commercial Lighting										
22	Actual	0	23,074	0	0	0	31,333	397	570	0	55,374
23	Projected	0	33,999	558	0	0	83,969	459	205	0	119,190
24	Total	0	57,073	558	0	0	115,302	856	775	0	174,564
25	Standby Generator										
26	Actual	0	21,649	54	0	0	1,421,490	34	42	0	1,443,269
27	Projected	0	35,094	0	1,000	0	1,491,284	150	0	0	1,527,528
28	Total	0	56,743	54	1,000	0	2,912,774	184	42	0	2,970,797
29	Conservation Value										
30	Actual	0	5,987	0	0	0	228,996	129	76	0	235,188
31	Projected	0	12,670	0	2,710	0	345,793	125	0	0	361,298
32	Total	0	18,657	0	2,710	0	574,789	254	76	0	596,486
33	Duct Repair										
34	Actual	0	15,874	0	364	0	219,986	3,672	6,277	0	246,173
35	Projected	0	19,989	184	3,200	0	211,130	6,422	1,416	0	242,341
36	Total	0	35,863	184	3,564	0	431,116	10,094	7,693	0	488,514
37	Renewable Energy Initiative										
38	Actual	0	12,817	0	855	2,669	4	0	60,465	(131,326)	(54,516)
39	Projected	0	14,292	0	215,848	0	0	310	1	(242,633)	(12,182)
40	Total	0	27,109	0	216,703	2,669	4	310	60,466	(373,959)	(66,698)
41	Renewable Energy Systems Initiative										
42	Actual	0	40,471	0	0	0	702,120	0	0	0	742,591
43	Projected	0	28,946	0	165,000	0	591,840	1,100	0	0	786,886
44	Total	0	69,417	0	165,000	0	1,293,960	1,100	0	0	1,529,477
45	Industrial Load Management										
46	Actual	7,147	13,511	126,203	55,900	0	7,472,820	27,592	5,478	0	7,708,651
47	Projected	6,877	7,791	0	0	0	6,384,033	500	0	0	6,399,201
48	Total	14,024	21,302	126,203	55,900	0	13,856,853	28,092	5,478	0	14,107,852
49	DSM R&D										
50	Actual	0	0	0	0	0	0	0	0	0	0
51	Projected	0	0	0	0	0	0	0	0	0	0
52	Total	0	0	0	0	0	0	0	0	0	0
53	Commercial Cooling										
54	Actual	0	9,947	0	0	0	58,212	55	587	0	68,801
55	Projected	0	8,368	0	0	0	39,048	141	0	0	47,557
56	Total	0	18,315	0	0	0	97,260	196	587	0	116,358
57	Residential New Construction										
58	Actual	0	23,467	0	714	0	1,024,975	186	0	0	1,049,342
59	Projected	0	27,151	0	3,200	0	830,300	250	6,700	0	867,601
60	Total	0	50,618	0	3,914	0	1,855,275	436	6,700	0	1,916,943
61	Common Expenses										
62	Actual	0	367,735	391	134,645	0	0	340	40,178	0	543,289
63	Projected	0	465,755	109	374,167	0	0	124	24,914	0	865,069
64	Total	0	833,490	500	508,812	0	0	464	65,092	0	1,408,358
65	Price Responsive Load Management										
66	Actual	791,688	404,291	4,838	322,251	56,273	0	73,113	139,378	0	1,791,832
67	Projected	809,388	360,813	11,450	51,173	153,085	0	42,523	60,463	0	1,488,895
68	Total	1,601,076	765,104	16,288	373,424	209,358	0	115,636	199,841	0	3,280,727
69	Residential Building Envelope Improvement										
70	Actual	0	74,088	0	1,078	0	780,774	3,974	2,870	0	862,784
71	Projected	0	65,797	577	7,596	0	772,267	6,808	764	0	853,809
72	Total	0	139,885	577	8,674	0	1,553,041	10,782	3,634	0	1,716,593

C-3
Page 2 of 7

TAMPA ELECTRIC COMPANY
Conservation Program Costs Continued

Actual for Months January 2015 through July 2015
Projected for Months August 2015 through December 2015

	Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
73	Residential Electronic Commutated Motors										
74	Actual	0	229	0	0	0	135	0	0	0	364
75	Projected	0	65	0	0	0	135	0	135	0	335
76	Total	0	294	0	0	0	270	0	135	0	699
77	Energy Education Outreach										
78	Actual	0	16,936	205	27,615	0	4,276	450	7,500	0	56,982
79	Projected	0	17,927	230	9,960	0	1,189	2,024	6,600	0	37,930
80	Total	0	34,863	435	37,575	0	5,465	2,474	14,100	0	94,912
81	Residential Re-Commissioning										
82	Actual	0	3,114	0	1,755	0	3,150	0	0	0	8,019
83	Projected	0	1,578	0	1,170	0	2,175	0	0	0	4,923
84	Total	0	4,692	0	2,925	0	5,325	0	0	0	12,942
85	Residential Low- Income Weatherization										
86	Actual	0	79,304	22,164	292,962	0	1,233,951	2,687	5,042	0	1,636,110
87	Projected	0	76,446	100	371,884	0	1,244,224	4,912	4,163	0	1,701,729
88	Total	0	155,750	22,264	664,846	0	2,478,175	7,599	9,205	0	3,337,839
89	Commercial Duct Repair										
90	Actual	0	7,498	0	0	0	13,800	19	469	0	21,786
91	Projected	0	21,902	0	0	0	54,050	200	250	0	76,402
92	Total	0	29,400	0	0	0	67,850	219	719	0	98,188
93	Commercial Energy Recovery Ventilation										
94	Actual	0	0	0	0	0	0	0	0	0	0
95	Projected	0	0	0	0	0	0	0	0	0	0
96	Total	0	0	0	0	0	0	0	0	0	0
97	Commercial Building Envelope Improvement										
98	Actual	0	7,221	0	0	0	9,359	281	0	0	16,861
99	Projected	0	19,140	0	0	0	245,347	473	0	0	264,960
100	Total	0	26,361	0	0	0	254,706	754	0	0	281,821
101	Commercial Energy Efficient Motors										
102	Actual	0	95	0	0	0	0	0	0	0	95
103	Projected	0	378	0	0	0	200	50	0	0	628
104	Total	0	473	0	0	0	200	50	0	0	723
105	Commercial Demand Response										
106	Actual	0	9,249	0	2,143,682	0	0	33	2,005	0	2,154,969
107	Projected	0	11,782	0	306,000	0	1,000,000	100	0	0	1,317,882
108	Total	0	21,031	0	2,449,682	0	1,000,000	133	2,005	0	3,472,851
109	Commercial Chiller Replacement										
110	Actual	0	110	0	0	0	21,076	0	151	0	21,337
111	Projected	0	1,993	0	0	0	22,813	125	0	0	24,931
112	Total	0	2,103	0	0	0	43,889	125	151	0	46,268
113	Commercial Occupancy Sensors (Lighting)										
114	Actual	0	0	0	0	0	0	0	0	0	0
115	Projected	0	1,423	0	0	0	40,500	125	0	0	42,048
116	Total	0	1,423	0	0	0	40,500	125	0	0	42,048
117	Commercial Refrigeration (Anti-Condensate)										
118	Actual	0	0	0	0	0	0	0	0	0	0
119	Projected	0	130	0	0	0	0	0	0	0	130
120	Total	0	130	0	0	0	0	0	0	0	130
121	Commercial Water Heating										
122	Actual	0	0	0	0	0	0	0	0	0	0
123	Projected	0	65	0	0	0	0	0	0	0	65
124	Total	0	65	0	0	0	0	0	0	0	65
125	Commercial HVAC Re-commissioning										
126	Actual	0	7,857	0	2,008	0	48,526	0	0	0	58,391
127	Projected	0	7,223	0	1,000	0	10,000	50	0	0	18,273
128	Total	0	15,080	0	3,008	0	58,526	50	0	0	76,664
129	Commercial Electronic Commutated Motors										
130	Actual	0	55	0	0	0	86	0	0	0	141
131	Projected	0	880	0	500	0	750	50	0	0	2,180
132	Total	0	935	0	500	0	836	50	0	0	2,321
133	Cool Roof										
134	Actual	0	16,447	0	0	0	120,952	153	42	0	137,594
135	Projected	0	36,051	0	0	0	292,350	500	0	0	328,901
136	Total	0	52,498	0	0	0	413,302	653	42	0	466,495
137	Commercial Non Conditioned Lighting										
138	Actual	0	0	0	0	0	0	0	0	0	0
139	Projected	0	5,610	0	0	0	25,490	85	0	0	31,235
140	Total	0	5,610	0	0	0	25,490	85	0	0	31,235
141	Thermal Energy Storage										
142	Actual	0	0	0	0	0	0	0	0	0	0
143	Projected	0	7,830	0	1,080	0	60,000	500	0	0	69,410
144	Total	0	7,830	0	1,080	0	60,000	500	0	0	69,410
137	Total All Programs	1,615,100	3,942,578	274,619	6,122,589	730,585	30,860,704	353,933	463,639	(373,959)	43,989,838

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2015 through July 2015
Projected for Months August 2015 through December 2015

PRICE RESPONSIVE LOAD MANAGEMENT

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		158,229	119,344	162,381	155,227	157,052	117,872	150,242	145,600	145,600	145,600	122,600	122,600	1,702,347
2. Retirements		250,069	99,373	217,670	103,400	173,942	79,673	138,754	183,368	79,464	116,877	15,480	10,070	1,468,141
3. Depreciation Base		6,307,760	6,327,730	6,272,441	6,324,268	6,307,377	6,345,576	6,357,064	6,319,296	6,385,432	6,414,155	6,521,275	6,633,805	
4. Depreciation Expense		105,895	105,296	105,001	104,973	105,264	105,441	105,855	105,636	105,873	106,663	107,795	109,626	1,273,318
5. Cumulative Investment	6,399,600	6,307,760	6,327,730	6,272,441	6,324,268	6,307,377	6,345,576	6,357,064	6,319,296	6,385,432	6,414,155	6,521,275	6,633,805	6,633,805
6. Less: Accumulated Depreciation	3,021,239	2,877,065	2,882,988	2,770,319	2,771,892	2,703,214	2,728,982	2,696,083	2,618,351	2,644,760	2,634,546	2,726,861	2,826,417	2,826,417
7. Net Investment	3,378,361	3,430,695	3,444,742	3,502,122	3,552,376	3,604,163	3,616,594	3,660,981	3,700,945	3,740,672	3,779,609	3,794,414	3,807,388	3,807,388
8. Average Investment		3,404,528	3,437,719	3,473,432	3,527,249	3,578,270	3,610,379	3,638,788	3,680,963	3,720,809	3,760,141	3,787,012	3,800,901	
9. Return on Average Investment - Equity Component		20,099	20,295	20,506	20,824	21,125	21,314	21,391	21,639	21,873	22,104	22,262	22,344	255,776
10. Return on Average Investment - Debt Component		5,772	5,828	5,888	5,980	6,066	6,121	5,904	5,973	6,037	6,101	6,145	6,167	71,982
Total Depreciation and Return		131,766	131,419	131,395	131,777	132,455	132,876	133,150	133,248	133,783	134,868	136,202	138,137	1,601,076

NOTES:
Depreciation expense is calculated using a useful life of 60 months.
Line 9 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
Line 10 x 1.9471% x 1/12 (Jul-Dec).

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2015 through July 2015
Projected for Months August 2015 through December 2015

INDUSTRIAL LOAD MANAGEMENT

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	
4. Depreciation Expense		919	919	919	919	919	919	919	919	919	919	919	919	11,028
5. Cumulative Investment	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126
6. Less: Accumulated Depreciation	16,565	17,484	18,403	19,322	20,241	21,160	22,079	22,998	23,917	24,836	25,755	26,674	27,593	27,593
7. Net Investment	38,561	37,642	36,723	35,804	34,885	33,966	33,047	32,128	31,209	30,290	29,371	28,452	27,533	27,533
8. Average Investment		38,102	37,183	36,264	35,345	34,426	33,507	32,588	31,669	30,750	29,831	28,912	27,993	
9. Return on Average Investment - Equity Component		225	220	214	209	203	198	192	186	181	175	170	165	2,338
10. Return on Average Investment - Debt Component		65	63	61	60	58	57	53	51	50	48	47	45	658
Total Depreciation and Return		1,209	1,202	1,194	1,188	1,180	1,174	1,164	1,156	1,150	1,142	1,136	1,129	14,024

NOTES:
Depreciation expense is calculated using a useful life of 60 months.
Line 9 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
Line 10 x 1.9471% x 1/12 (Jul-Dec).

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up

Actual for Months January 2015 through July 2015
Projected for Months August 2015 through December 2015

	Program Name	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1	Heating and Cooling	99,880	65,441	99,099	144,469	173,961	189,546	276,862	116,882	116,999	51,464	51,464	51,464	1,437,531
2	Prime Time	376,374	359,200	347,271	296,711	279,839	268,004	261,169	359,967	368,065	367,977	348,959	326,591	3,960,127
3	Energy Audits	51,620	339,916	244,602	206,038	256,015	159,453	177,561	161,535	156,880	182,614	140,430	144,882	2,221,546
4	Cogeneration	7,138	9,264	12,303	18,260	11,130	7,856	1,332	5,270	5,270	5,270	2,660	2,660	88,413
5	Commercial Load Mgmt	0	0	60	1,188	994	994	1,421	994	994	994	0	0	7,639
6	Commercial Lighting	7,889	3,007	5,998	19,738	6,264	12,478	28,597	23,008	14,193	13,525	22,111	17,756	174,564
7	Standby Generator	232,406	232,350	246,580	247,935	241,635	242,363	240,298	258,246	257,246	257,246	257,246	257,246	2,970,797
8	Conservation Value	142,976	847	891	1,541	87,799	1,134	117,588	62,942	2,942	89,942	84,942	2,942	596,486
9	Duct Repair	49,525	34,230	21,992	66,597	21,179	52,650	34,065	48,087	48,425	37,816	36,974	36,974	488,514
10	Renewable Energy Initiative	(1)	(12,286)	(10,659)	(10,422)	(9,275)	(11,873)	(12,182)	0	0	0	0	0	(66,698)
11	Renewable Energy Systems Initiative	4,286	7,161	53,790	70,220	343,685	263,449	171,290	204,874	204,874	15,796	170,026	20,026	1,529,477
12	Industrial Load Management	1,180,408	1,266,793	1,261,845	1,665,135	1,142,699	1,191,771	1,206,463	1,202,561	1,042,555	982,547	1,002,541	962,534	14,107,852
13	DSM R&D	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Commercial Cooling	20,629	6,564	30,098	4,289	1,857	5,364	6,292	7,686	12,635	5,572	7,686	7,686	116,358
15	Residential New Construction	188,075	208,211	185,805	150,516	122,063	194,672	223,904	181,562	181,662	99,373	90,772	90,328	1,916,943
16	Common Expenses	98,437	74,055	121,088	97,850	65,206	86,653	220,397	219,989	162,035	108,475	84,154	70,019	1,408,358
17	Price Responsive Load Mgmt	284,770	321,787	282,943	326,294	291,775	284,263	291,747	239,852	250,497	233,082	236,166	237,551	3,280,727
18	Residential Building Envelope Improvement	112,022	130,683	141,924	176,805	153,704	147,646	146,353	151,356	152,238	137,814	133,213	132,835	1,716,593
19	Residential Electronic Commutated Motors	47	89	228	0	0	0	135	13	148	13	13	13	699
20	Energy Education Outreach	5,322	19,031	3,821	4,971	8,192	15,645	2,782	9,041	7,249	6,800	6,708	5,350	94,912
21	Residential Re-Commissioning	1,936	1,564	707	1,151	817	1,844	2,947	988	988	0	0	0	12,942
22	Residential Low- Income Weatherization	177,200	256,761	191,630	307,598	194,152	508,769	305,388	278,777	278,972	280,560	279,760	278,272	3,337,839
23	Commercial Duct Repair	1,064	900	2,155	14,419	1,267	1,982	9,111	24,371	26,234	6,210	1,537	8,939	98,189
24	Commercial Energy Recovery Ventilation	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Commercial Building Envelope Improvement	670	1,326	501	4,866	2,589	6,909	95,493	114,626	17,709	23,010	7,061	7,061	281,821
26	Commercial Energy Efficient Motors	0	0	0	95	0	0	0	314	314	0	0	0	723
27	Commercial Demand Response	611,677	310,238	307,342	310,642	307,703	307,367	307,342	202,630	202,630	202,630	201,325	201,325	3,472,851
28	Commercial Chiller Replacement	0	0	1,450	486	10,345	9,056	4,813	4,078	2,252	3,877	7,659	2,252	46,268
29	Commercial Occupancy Sensors (Lighting)	0	0	0	0	0	0	0	4,930	3,338	1,721	1,721	30,338	42,048
30	Commercial Refrigeration (Anti-Condensate)	0	0	0	0	0	0	0	26	26	26	26	26	130
31	Commercial Water Heating	0	0	0	0	0	0	0	13	13	13	13	13	65
32	Commercial HVAC Re-Commissioning	2,089	11,984	1,314	12,232	15,455	15,317	1,193	8,540	8,540	0	0	0	76,664
33	Commercial Electronic Commutated Motors	0	0	55	59	27	0	0	436	436	436	436	436	2,321
34	Cool Roof	1,823	2,170	52,877	43,533	34,140	3,051	85,658	12,162	23,506	57,539	68,883	81,153	466,495
35	Commercial Non Conditioned Lighting	0	0	0	0	0	0	0	10,906	5,107	3,765	5,832	5,625	31,235
36	Thermal Energy Storage	0	0	0	0	0	0	0	0	0	0	34,705	34,705	69,410
37	Total	3,658,262	3,651,286	3,607,710	4,183,216	3,765,217	3,966,363	4,208,019	3,916,662	3,554,972	3,176,107	3,285,023	3,017,002	43,989,839
38	Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Recoverable Conservation Expenses	3,658,262	3,651,286	3,607,710	4,183,216	3,765,217	3,966,363	4,208,019	3,916,662	3,554,972	3,176,107	3,285,023	3,017,002	43,989,839

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up

Actual for Months January 2015 through July 2015
Projected for Months August 2015 through December 2015

B. CONSERVATION REVENUES	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Residential Conservation Audit Fees (A)	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Conservation Adjustment Revenues * (C-4, page 1 of 1)	3,134,934	3,037,710	3,114,108	3,343,478	3,616,066	4,057,108	4,178,181	4,054,552	4,135,922	3,766,952	3,174,859	3,056,645	42,670,516
3. Total Revenues	3,134,934	3,037,710	3,114,108	3,343,478	3,616,066	4,057,108	4,178,181	4,054,552	4,135,922	3,766,952	3,174,859	3,056,645	42,670,516
4. Prior Period True-up	435,740	435,740	435,740	435,740	435,740	435,740	435,740	435,740	435,740	435,740	435,740	435,745	5,228,885
5. Conservation Revenue Applicable to Period	3,570,674	3,473,450	3,549,848	3,779,218	4,051,806	4,492,848	4,613,921	4,490,292	4,571,662	4,202,692	3,610,599	3,492,390	47,899,401
6. Conservation Expenses (C-3,Page 4, Line 14)	3,658,262	3,651,286	3,607,710	4,183,216	3,765,217	3,966,363	4,208,019	3,916,662	3,554,972	3,176,107	3,285,023	3,017,002	43,989,839
7. True-up This Period (Line 5 - Line 6)	(87,588)	(177,836)	(57,862)	(403,998)	286,589	526,485	405,902	573,630	1,016,690	1,026,585	325,576	475,388	3,909,562
8. Interest Provision This Period (C-3, Page 6, Line 10)	583	538	493	329	348	394	401	1,418	2,495	3,367	4,192	4,171	18,729
9. True-up & Interest Provision Beginning of Period	7,550,001	7,027,256	6,414,218	5,921,109	5,081,700	4,932,897	5,024,036	4,994,599	5,133,907	5,717,352	6,311,564	6,205,592	7,550,001
10. Prior Period True-up Collected/(Refunded)	(435,740)	(435,740)	(435,740)	(435,740)	(435,740)	(435,740)	(435,740)	(435,740)	(435,740)	(435,740)	(435,740)	(435,745)	(5,228,885)
11. End of Period Total - Over/(Under) Recovered	7,027,256	6,414,218	5,921,109	5,081,700	4,932,897	5,024,036	4,994,599	5,133,907	5,717,352	6,311,564	6,205,592	6,249,406	6,249,407

Previous EOP Change
* Net of Revenue Taxes

(A) Included in Line 6

Summary of Allocation	Forecast	Ratio	True Up
Demand	29,383,815	0.62	3,874,632
Energy	18,371,637	0.38	2,374,775
Total	47,755,452	1.00	6,249,407

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of Interest Provision

Actual for Months January 2015 through July 2015
Projected for Months August 2015 through December 2015

C. INTEREST PROVISION	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Beginning True-up Amount (C-3, Page 5, Line 9)	$7,550,001	$7,027,256	$6,414,218	$5,921,109	$5,081,700	$4,932,897	$5,024,036	$4,994,599	$5,133,907	$5,717,352	$6,311,564	$6,205,592	
2. Ending True-up Amount Before Interest (C-3, Page 5, Lines 7 + 9 + 10)	7,026,673	6,413,680	5,920,616	5,081,371	4,932,549	5,023,642	4,994,198	5,132,489	5,714,857	6,308,197	6,201,400	6,245,235	
3. Total Beginning & Ending True-up	$14,576,674	$13,440,936	$12,334,834	$11,002,480	$10,014,249	$9,956,539	$10,018,234	$10,127,088	$10,848,764	$12,025,549	$12,512,964	$12,450,827	
4. Average True-up Amount (50% of Line 3)	$7,288,337	$6,720,468	$6,167,417	$5,501,240	$5,007,125	$4,978,270	$5,009,117	$5,063,544	$5,424,382	$6,012,775	$6,256,482	$6,225,414	
5. Interest Rate - First Day of Month	0.100%	0.100%	0.090%	0.090%	0.060%	0.100%	0.080%	0.110%	0.550%	0.550%	0.800%	0.800%	
6. Interest Rate - First Day of Next Month	0.100%	0.090%	0.090%	0.060%	0.100%	0.080%	0.110%	0.550%	0.550%	0.800%	0.800%	0.800%	
7. Total (Line 5 + Line 6)	0.200%	0.190%	0.180%	0.150%	0.160%	0.180%	0.190%	0.660%	1.100%	1.350%	1.600%	1.600%	
8. Average Interest Rate (50% of Line 7)	0.100%	0.095%	0.090%	0.075%	0.080%	0.090%	0.095%	0.330%	0.550%	0.675%	0.800%	0.800%	
9. Monthly Average Interest Rate (Line 8/12)	0.008%	0.008%	0.008%	0.006%	0.007%	0.008%	0.008%	0.028%	0.046%	0.056%	0.067%	0.067%	
10. Interest Provision (Line 4 x Line 9)	$583	$538	$493	$330	$350	$398	$401	$1,418	$2,495	$3,367	$4,192	$4,171	$18,736

C-4
Page 1 of 1

TAMPA ELECTRIC COMPANY
Energy Conservation
Calculation of Conservation Revenues

Actual for Months January 2015 through July 2015
Projected for Months August 2015 through December 2015

(1) Months	(2) Firm MWH Sales	(3) Interruptible MWH Sales	(4) Clause Revenue Net of Revenue Taxes
January	1,423,894	-	3,134,934
February	1,371,917	-	3,037,710
March	1,275,956	-	3,114,108
April	1,290,230	-	3,343,478
May	1,515,132	-	3,616,066
June	1,773,051	-	4,057,108
July	1,854,062	-	4,178,181
August	1,766,968	-	4,054,552
September	1,827,509	-	4,135,922
October	1,635,978	-	3,766,952
November	1,398,111	-	3,174,859
December	1,359,760	-	3,056,645
Total	18,492,567	0	42,670,515

PROGRAM DESCRIPTION AND PROGRESS

Program Title: HEATING AND COOLING

Program Description: This is a residential conservation program designed to reduce weather-sensitive peaks by providing incentives for the installation of high efficiency heating and air conditioning equipment at existing residences.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are 4,661 units projected to be installed and approved.

January 1, 2016 to December 31, 2016

During this period, there are 3,480 units projected to be installed and approved.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $1,437,531.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $575,094.

Program Progress Summary: Through December 31, 2014, there were 189,147 units installed and approved.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: PRIME TIME

Program Description: This is a residential load management program designed to directly control the larger loads in customers' homes such as air conditioning, water heating, electric space heating, and pool pumps. Participating customers receive monthly credits on their electric bills.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are 19,649 projected customers for this program on a cumulative basis.

January 1, 2016 to December 31, 2016

During this period, there are 14,000 projected customers for this program on a cumulative basis.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $3,960,127.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $2,731,793.

Program Progress Summary: There were 26,280 cumulative customers participating through December 31, 2014.

Breakdown is as follows:

Water Heating	23,759
Air Conditioning	17,997
Heating	18,446
Pool Pump	4,714

Per Commission Order No. PSC- 05-0181-PAA-EG issued February 16, 2005, Prime Time is closed to new participants. At this time, Tampa Electric has filed a petition to initiate a phased closure of the Prime Time program that will be heard before the Commission in Docket 150147 on August 27, 2015. If approved, all remaining customers will be removed from the program by July 1, 2016, all incentives will stop by the end of July 31, 2016 and all equipment will be disconnected by December 31, 2016.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: ENERGY AUDITS

Program Description: These are on-site, on-line and phone-in audits of residential, commercial and industrial premises that instruct customers on how to use conservation measures and practices to reduce their energy usage.

Program Projections: January 1, 2015 to December 31, 2015

Residential – 9,040 (RCS - 3; Free – 8,130; Customer Assisted – 906, BERS - 1)

Comm/Ind – 910 (Paid - 5; Free – 905)

January 1, 2016 to December 31, 2016

Residential – 9,608 (RCS - 4; Free – 8,400; Customer Assisted – 1,200, BERS - 4)

Comm/Ind – 860 (Paid - 10 Free – 850)

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $2,221,546.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $2,128,511.

Program Progress Summary: Through December 31, 2014 the following audit totals are:

Residential RCS (Fee)	3,890
Residential Alt (Free)	299,928
BERS Audit	80
Residential Cust. Assisted [(1)]	120,813
Commercial-Ind (Fee)	232
Commercial-Ind (Free)	22,521
Commercial Mail-in	1,477
Total	448,391

(1) Includes Mail-in and On-line audits. Residential and Commercial Mail-in audit program was retired on December 31, 2004.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COGENERATION

Program Description: This program encourages the development of cost-effective commercial and industrial cogeneration facilities through standard offers and negotiation of contracts for the purchase of firm capacity and energy.

Program Projections: January 1, 2015 to December 31, 2015

The company continues communication and interaction with all existing participants and potential developers regarding current and future cogeneration customers. There are no new cogeneration facility additions expected.

January 1, 2016 to December 31, 2016

The company continues communication and interaction with all existing participants and potential developers regarding current and future cogeneration customers. Tampa Electric will continue working with customers to evaluate the economics of additional capacity in future years.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $88,413.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $53,400.

Program Progress Summary: The projected total maximum generation by electrically interconnected cogeneration during 2015 will be approximately 528 MW of nameplate capacity. This includes generation that is connected, but wheeled outside of Tampa Electric's service area.

The company continues interaction with existing participants and potential developers regarding current and future cogeneration activities. Currently there are nine separate locations with cogeneration on-line in Tampa Electric's service area.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL LOAD MANAGEMENT

Program Description: This is a load management program that achieves weather-sensitive demand reductions through load control of equipment at the facilities of firm commercial customers.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are no new installations expected.

January 1, 2016 to December 31, 2016

During this period, there are no new installations expected.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $7,639

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $10,859.

Program Progress Summary: Through December 31, 2014 there were six commercial installations in service.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL LIGHTING

Program Description: This is a conservation program designed to reduce weather-sensitive peaks by encouraging investment in more efficient lighting technology in commercial facilities.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are 64 customers expected to participate.

January 1, 2016 to December 31, 2016

During this period, there are 70 customers expected to participate.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $205,799.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $291,254.

Program Progress Summary: Through December 31, 2014, there were 1,897 customers that have participated.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: STANDBY GENERATOR

Program Description: This is a program designed to utilize the emergency generation capacity at firm commercial/industrial facilities in order to reduce weather-sensitive peak demand.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are two installations expected.

January 1, 2016 to December 31, 2016

During this period, there are one installations expected.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $2,970,797

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $3,122,272.

Program Progress Summary: Through December 31, 2014, there are 99 customers participating.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: CONSERVATION VALUE

Program Description: This is an incentive program for firm commercial/industrial customers that encourages additional investments in substantial demand shifting or demand reduction measures.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are six customers expected to participate.

January 1, 2016 to December 31, 2016

During this period, there are four customers expected to participate.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $596,486.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $235,148.

Program Progress Summary: Through December 31, 2014, there were 45 customers that have participated. Tampa Electric continues to work with customers on evaluations of various measures.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL DUCT REPAIR

Program Description: This is a residential conservation program designed to reduce weather-sensitive peaks by offering incentives to encourage the repair of the air distribution system in a residence.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are 2,325 repairs projected to be made.

January 1, 2016 to December 31, 2016

During this period, there are 2,040 repairs projected to be made.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $488,514

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $406,565.

Program Progress Summary: Through December 31, 2014, there are 96,034 customers that have participated.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RENEWABLE ENERGY PROGRAM

Program Description: This program is designed to promote and deliver renewable energy options to the company's customers. This specific effort provides funding for program administration, generation, evaluation of potential new renewable sources and market research.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are 1,900 expected customers with 2,800 subscribed monthly blocks estimated on a cumulative basis.

During this period, there are 400 blocks estimated to be purchased on a one time basis.

January 1, 2016 to December 31, 2016

During this period, there are 1,900 expected customers with 2,800 subscribed monthly blocks estimated on a cumulative basis.

During this period, there are 400 blocks estimated to be purchased on a one time basis.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

During this period, the company anticipates excess revenues of approximately $373,959 to be used for new renewable generation.

January 1, 2016 to December 31, 2016

During this period, the company anticipates excess revenues of approximately $175,320 to be used for new renewable generation.

Program Progress Summary: Through December 31, 2014, there were 1,975 customers with 2,937 blocks subscribed. In addition, there were 3,633 blocks of renewable energy purchased on a one time basis.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RENEWABLE ENERGY SYSTEMS INITIATIVE

Program Description: This initiative is a five-year renewable energy pilot program that uses rebates and incentives to encourage the following: 1) the installation of solar photovoltaic ("PV") and solar water heating ("SWH") technologies on existing and new residential and commercial premises; 2) the installation of PV on emergency shelter schools coupled with an educational component for teachers and students; and 3) the installation of SWH on low income housing done in partnership with local non-profit building organizations.

Program Projections: January 1, 2015 to December 31, 2015

PV Systems - 63
Residential SWH - 77
School PV- 1
Low-Income SWH - 4

January 1, 2016 to December 31, 2016

The Renewable Energy Systems Initiative will expire at the end of 2015.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $1,529,477

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $0 due to the program expiring.

Program Progress Summary: There were 444 customers that participated through December 31, 2014.

Breakdown is as follows:

Residential PV Systems – 228
Commercial PV Systems – 25
Residential SWH - 174
School PV- 4
Low-Income SWH - 13

PROGRAM DESCRIPTION AND PROGRESS

Program Title: INDUSTRIAL LOAD MANAGEMENT

Program Description: This is a load management program for large industrial customers with interruptible loads of 500 kW or greater.

Program Projections: January 1, 2015 to December 31, 2015

During this period, zero new customers are expected to participate.

January 1, 2016 to December 31, 2016

During this period, zero new customers are expected to participate.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $14,107,852.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $13,539,870.

Program Progress Summary: Through December 31, 2014, there are 41 customers participating.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: DSM RESEARCH AND DEVELOPMENT (R&D)

Program Description: This is a five-year R&D program directed at end-use technologies (both residential and commercial) not yet commercially available or where insufficient data exists for measure evaluations specific to central Florida climate.

Program Projections: See Program Progress Summary.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $0.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $200,000.

Program Progress Summary: Currently, Tampa Electric has no active R&D programs. The company continues to review possible programs to research.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL COOLING

Program Description: This is an incentive program to encourage the installation of high efficiency direct expansion and Package Terminal Air Conditioning commercial air conditioning equipment.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are 181 customers expected to participate.

January 1, 2016 to December 31, 2016

During this period, there are 130 customers expected to participate.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $116,358.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $36,838.

Program Progress Summary: Through December 31, 2014, there were 2,055 units installed and approved.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL NEW CONSTRUCTION

Program Description: This is a program that encourages the construction of new homes to be above the minimum energy efficiency levels required by the State of Florida Energy Efficiency Code for New Construction through the installation of high efficiency equipment and building envelope options.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are 2,038 customers expected to participate.

January 1, 2016 to December 31, 2016

During this period, there are 1,200 customers expected to participate.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $1,916,943.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $1,073,123.

Program Progress Summary: Through December 31, 2014, a total of 9,274 approved homes have participated.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMON EXPENSES

Program Description: These are expenses common to all programs.

Program Projections: N/A

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $1,408,358.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $823,150.

Program Progress Summary: N/A

PROGRAM DESCRIPTION AND PROGRESS

Program Title: PRICE RESPONSIVE LOAD MANAGEMENT

Program Description: A load management program designed to reduce weather sensitive peak loads by offering a multi-tiered rate structure designed as an incentive for participating customers to reduce their electric demand during high cost or critical periods of generation.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are 4,196 projected customers for this program on a cumulative basis.

January 1, 2016 to December 31, 2016

During this period, there are 5,196 projected customers for this program on a cumulative basis.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $3,280,727.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $3,185,916.

.

Program Progress Summary: Through December 31, 2014, there were 3,196 participating customers.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL BUILDING ENVELOPE IMPROVEMENT

Program Description: This is a program that encourages customers to make cost-effective improvements to existing residences in the areas of ceiling insulation, wall insulation, and window improvements.

Program Projections: January 1, 2015 to December 31, 2015

Ceiling Insulation – 3,600
Wall Insulation - 5
Window Upgrades – 1,869
Window Film - 236

January 1, 2016 to December 31, 2016

Ceiling Insulation – 2,760
Wall Insulation – 12
Window Upgrades – 1,584
Window Film - 0

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $1,716,593.

January 1, 2016 to December 31, 2016

Expenditures are estimated at $1,325,979.

Program Progress Summary: Through December 31, 2014, there were 128,993 customers that have participated in the company's residential building envelope improvement program. The breakdown is as follows:

Ceiling insulation – 117,473
Exterior wall insulation – 63
Window replacement – 8,496
Window film – 2,961

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL ELECTRONICALLY COMMUTATED MOTOR

Program Description: This is a conservation program designed to reduce demand and energy by decreasing the load on residential air conditioning and heating equipment. The program is designed to help residential customers improve the overall efficiency of their existing equipment by replacing the existing motor in the air-handler with an Electronically Commutated Motor.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are two customers expected to participate.

January 1, 2016 to December 31, 2016

During this period, there are five customers expected to participate.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $699.

January 1, 2016 to December 31, 2016

Expenditures are estimated at $913.

Program Progress Summary: Through December 31, 2014, one customer has participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: ENERGY EDUCATION OUTREACH

Program Description: The Energy Education Outreach Program is comprised of two distinct initiatives: 1) public education, and 2) energy awareness. The program is designed to establish opportunities for engaging groups of customers and students, in energy-efficiency related discussions in an organized setting.

Participants will be provided with energy saving devices and supporting information appropriate for the audience.

Program Projections: January 1, 2015 to December 31, 2015.

During this period, there are 1,177 customers expected to participate in energy awareness education presentations.

January 1, 2016 to December 31, 2016

During this period, there are 2,000 customers expected to participate in energy awareness education presentations.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $94,912.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $115,708.

Program Progress Summary: Through 2014, Tampa Electric has partnered with 103 local schools to present Energy Education to 32,626 students. In addition, the company gave 83 presentations to civic organizations that generated 637 customer assisted audits and distributed 3,217 energy saving kits to participating customers.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL HVAC RE-COMMISSIONING

Program Description: This is a conservation program designed to help residential customers ensure air conditioning and heating equipment is operating at optimal efficiency through maintenance and equipment tune-up. This will in turn help participating customers reduce demand and energy usage and help to promote good long-term maintenance habits.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are 60 customers expected to participate.

January 1, 2016 to December 31, 2016

During this period, there are 0 customers expected to participate.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $12,942.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $0.

Program Progress Summary: Through December 31, 2014, a total of 955 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: NEIGHBORHOOD WEATHERIZATION AND AGENCY OUTREACH

Program Description: This program is designed to assist low-income families in reducing their energy usage. The goal of the program is to establish a package of conservation measures at no cost for the customer. In addition to providing and/or installing the necessary materials for the various conservation measures, a key component will be educating families on energy conservation techniques to promote behavioral changes to help customers control their energy usage.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are 7,285 customers expected to participate.

January 1, 2016 to December 31, 2016

During this period, there are 7,250 customers expected to participate.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $3,337,839.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $3,671,167.

Program Progress Summary: Through December 31, 2014, a total of 15,975 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL DUCT REPAIR

Program Description: This is a commercial conservation program designed to reduce weather-sensitive peaks for commercial HVAC units less than or equal to 65,000 Btu/h by offering incentives to encourage the repair of the air distribution system in commercial facilities.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are 319 repairs expected to be made.

January 1, 2016 to December 31, 2016

During this period, there are 300 repairs expected to be made.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $98,188.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $79,455.

Program Progress Summary: Through December 31, 2014, a total of 10,677 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL ENERGY RECOVERY VENTILATION

Program Description: This is a conservation program designed to help commercial/industrial customers reduce humidity and HVAC loads in buildings. This measure is intended to reduce demand and energy while improving comfort of commercial buildings.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are zero customers expected to participate.

January 1, 2016 to December 31, 2016

During this period, there are zero customers expected to participate.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $0.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $0.

Program Progress Summary: Through December 31, 2014, three customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL BUILDING ENVELOPE IMPROVEMENT

Program Description: This is a program that encourages customers to make cost-effective improvements to existing commercial facilities in the areas of ceiling insulation, wall insulation and window improvements.

Program Projections: January 1, 2015 to December 31, 2015

Ceiling Insulation – 49
Wall Insulation - 1
Window Film – 11
Roof Insulation - 1

January 1, 2016 to December 31, 2016

Ceiling Insulation - 50
Wall Insulation - 1
Window Film – 0
Roof Insulation - 0

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $281,821.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $286,912.

Program Progress Summary: Through December 31, 2014, a total of 359 customers have participated in this program.

Ceiling insulation – 251
Roof insulation - 6
Exterior wall insulation – 2
Window film – 100

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL ENERGY EFFICIENT MOTORS

Program Description: This is a commercial/industrial conservation program designed to reduce weather-sensitive peaks by providing incentives for the installation of high efficiency motors at existing commercial/industrial facilities.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are three units projected to be installed and approved.

January 1, 2016 to December 31, 2016

During this period, there are zero units projected to be installed and approved.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $723.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $0.

Program Progress Summary: Through December 31, 2014, a total of 124 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL DEMAND RESPONSE

Program Description: Tampa Electric's Commercial Demand Response is a conservation and load management program intended to help alter the company's system load curve by reducing summer and winter demand peaks.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are 40 MW of demand response available for control.

January 1, 2016 to December 31, 2016

During this period, there are 40 MW of demand response projected to be available for control.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $3,472,851.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $3,623,633.

Program Progress Summary: Through December 31, 2014, Tampa Electric was subscribed for 40 MW.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL CHILLER REPLACEMENT

Program Description: This is an incentive program to encourage the installation of high efficiency air and water cooled chilled commercial air conditioning equipment.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are 10 units projected to be installed and approved.

January 1, 2016 to December 31, 2016

During this period, there are 10 units projected to be installed and approved.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $46,268.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $38,098.

Program Progress Summary: Through December 31, 2014, a total of 49 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL OCCUPANCY SENSORS (LIGHTING)

Program Description: This program is aimed at reducing the growth of peak demand and energy by providing an incentive to encourage commercial/industrial customers to install occupancy sensors in any area where indoor lights would be used on peak.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are 11 units projected to be installed and approved.

January 1, 2016 to December 31, 2016

During this period, there are 15 units projected to be installed and approved.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $42,048.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $25,657.

Program Progress Summary: Through December 31, 2014, a total of 198 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL REFRIGERATION (ANTI-CONDENSATE)

Program Description: This program is designed to reduce the peak demand and energy consumption for commercial/industrial customers by increasing the use of efficient refrigeration controls and equipment.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are one units projected to be installed and approved.

January 1, 2016 to December 31, 2016

During this period, there are two units projected to be installed and approved.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $130.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $3,476.

Program Progress Summary: Through December 31, 2014, no customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL WATER HEATING

Program Description: This is a conservation program designed to reducing future growth of demand and energy consumption by encouraging commercial/industrial customers to install high efficiency water heating systems.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are one units projected to be installed and approved.

January 1, 2016 to December 31, 2016

During this period, there is one unit projected to be installed and approved.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $65.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $1,518.

Program Progress Summary: Through December 31, 2014, no customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL HVAC RE-COMMISSIONING

Program Description: This is a conservation program designed to help commercial/industrial customers ensure HVAC equipment is operating at optimal efficiency by incenting maintenance and tune-up of equipment. This will in turn help commercial/industrial customers reduce demand and energy usage.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are 113 customers expected to participate.

January 1, 2016 to December 31, 2016

During this period, there are zero customers expected to participate.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $76,664.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $0.

Program Progress Summary: Through December 31, 2014, 296 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL ELECTRONICALLY COMMUTATED MOTOR

Program Description: This is a conservation program designed to encourage commercial/industrial customers to install electronically commutative motors in existing air conditioning and refrigeration equipment. The program is aimed at reducing the growth of peak demand and energy by encouraging customers to replace worn out, inefficient equipment with high efficiency equipment that exceeds minimum product manufacturing standards.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are 32 customers expected to participate.

January 1, 2016 to December 31, 2016

During this period, there are 10 customers expected to participate.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $2,321.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $4,386.

Program Progress Summary: Through December 31, 2014, no customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL COOL ROOF

Program Description: This is a conservation program designed to encourage commercial/industrial customers to install a cool roof system above conditioned spaces. This measure is intended to reduce heat transfer through reflectance which, in turn, reduces HVAC load and improves comfort.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are 42 customers expected to participate.

January 1, 2016 to December 31, 2016

During this period, there are 25 customers expected to participate.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $466,495.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $365,404.

Program Progress Summary: Through December 31, 2014, 149 customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: THERMAL ENERGY STORAGE

Program Description: The Commercial TES Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing off-peak air conditioning systems to help reduce their demand while reducing Tampa Electric's weather sensitive peak demand. Tampa Electric will provide a rebate to customers who install qualifying TES systems.

Program Projections: January 1, 2015 to December 31, 2015

During this period, there are 2 customers expected to participate.

January 1, 2016 to December 31, 2016

During this period, there are 6 customers expected to participate.

Program Fiscal Expenditures: January 1, 2015 to December 31, 2015

Expenditures are estimated to be $69,410.

January 1, 2016 to December 31, 2016

Expenditures are estimated to be $238,230.

Program Progress Summary: Through December 31, 2014, zero customers have participated in this program.

2016 GSLM Incentive Calculation

Annual KW Reduction	**37,375**
Annual Incentive	**$329,098**
Dollar Per KW	**$8.805298**

Month	KW Reduction	Incentive
Jan	1,525	13,428
Feb	1,525	13,428
Mar	1,525	13,428
Apr	4,250	37,423
May	4,250	37,423
Jun	4,250	37,423
Jul	4,250	37,423
Aug	4,250	37,423
Sep	4,250	37,423
Oct	4,250	37,423
Nov	1,525	13,428
Dec	1,525	13,428
Total		**329,098**

2016 $/kW Filing[(1)] **$8.81**

[(1)]Rounded to the nearest cent.

INPUT DATA - PART 1
PROGRAM TITLE: GSLM 2&3 CCV 2016

PSC FORM CE 1.1
PAGE 1 OF 1
RUN DATE: August 20, 2015

PROGRAM DEMAND SAVINGS & LINE LOSSES

I.	(1) CUSTOMER KW REDUCTION AT THE METER	4,250.000	KW /CUST
I.	(2) GENERATOR KW REDUCTION PER CUSTOMER	4,165.039	KW GEN/CUST
I.	(3) KW LINE LOSS PERCENTAGE	7.0%	%
I.	(4) GENERATION KWH REDUCTION PER CUSTOMER	747,889	KWH/CUST/YR
I.	(5) KWH LINE LOSS PERCENTAGE	5.2%	%
I.	(6) GROUP LINE LOSS MULTIPLIER	1	
I.	(7) CUSTOMER KWH PROGRAM INCREASE AT METER	0	KWH/CUST/YR
I.	(8)* CUSTOMER KWH REDUCTION AT METER	747,500	KWH/CUST/YR

ECONOMIC LIFE & K FACTORS

II.	(1) STUDY PERIOD FOR CONSERVATION PROGRAM	25	YEARS
II.	(2) GENERATOR ECONOMIC LIFE	25	YEARS
II.	(3) T & D ECONOMIC LIFE	25	YEARS
II.	(4) K FACTOR FOR GENERATION	1.4600	
II.	(5) K FACTOR FOR T & D	1.4600	
	(6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)	0	

UTILITY & CUSTOMER COSTS

III.	(1) UTILITY NONRECURRING COST PER CUSTOMER	122946.47	$/CUST
III.	(2) UTILITY RECURRING COST PER CUSTOMER	1,607	$/CUST/YR
III.	(3) UTILITY COST ESCALATION RATE	2.5	%
III.	(4) CUSTOMER EQUIPMENT COST	0.00	$/CUST
III.	(5) CUSTOMER EQUIPMENT ESCALATION RATE	2.3	%
III.	(6) CUSTOMER O & M COST	0	$/CUST/YR
III.	(7) CUSTOMER O & M ESCALATION RATE	2.3	%
III.	(8)* CUSTOMER TAX CREDIT PER INSTALLATION	0	$/CUST
III.	(9)* CUSTOMER TAX CREDIT ESCALATION RATE	0	%
III.	(10)* INCREASED SUPPLY COSTS	0	$/CUST/YR
III.	(11)* SUPPLY COSTS ESCALATION RATE	0	%
III.	(12)* UTILITY DISCOUNT RATE	0.07287	
III.	(13)* UTILITY AFUDC RATE	0.0647	
III.	(14)* UTILITY NON RECURRING REBATE/INCENTIVE	0.00	$/CUST
III.	(15)* UTILITY RECURRING REBATE/INCENTIVE	329,178.07	$/CUST/YR
III.	(16)* UTILITY REBATE/INCENTIVE ESCAL RATE	0	%

AVOIDED GENERATOR, TRANS. & DIST COSTS

IV.	(1) BASE YEAR	2016	
IV.	(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2021	
IV.	(3) IN-SERVICE YEAR FOR AVOIDED T & D	2017	
IV.	(4) BASE YEAR AVOIDED GENERATING UNIT COST	607.48	$/KW
IV.	(5) BASE YEAR AVOIDED TRANSMISSION COST	0.00	$/KW
IV.	(6) BASE YEAR DISTRIBUTION COST	0.00	$/KW
IV.	(7) GEN, TRAN, & DIST COST ESCALATION RATE	2.5	%
IV.	(8) GENERATOR FIXED O & M COST	11.92	$/KW/YR
IV.	(9) GENERATOR FIXED O&M ESCALATION RATE	2.5	%
IV.	(10) TRANSMISSION FIXED O & M COST	0.00	$/KW/YR
IV.	(11) DISTRIBUTION FIXED O & M COST	0.00	$/KW/YR
IV.	(12) T&D FIXED O&M ESCALATION RATE	0	%
IV.	(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.193	CENTS/KWH
IV.	(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.5	%
IV.	(15) GENERATOR CAPACITY FACTOR	5.5	%
IV.	(16) AVOIDED GENERATING UNIT FUEL COST	4.44	CENTS/KWH
IV.	(17) AVOIDED GEN UNIT FUEL ESCALATION RATE	3.66	%
IV.	(18)* AVOIDED PURCHASE CAPACITY COST PER KW	0	$/KW/YR
IV.	(19)* CAPACITY COST ESCALATION RATE	0	%

NON-FUEL ENERGY AND DEMAND CHARGES

V.	(1) NON-FUEL COST IN CUSTOMER BILL	1.988	CENTS/KWH
V.	(2) NON-FUEL ESCALATION RATE	1	%
V.	(3) CUSTOMER DEMAND CHARGE PER KW	10.740	$/KW/MO
V.	(4) DEMAND CHARGE ESCALATION RATE	1	%
V.	(5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL	0.00	

CALCULATED BENEFITS AND COSTS	
(1)* TRC TEST - BENEFIT/COST RATIO	**31.99**
(2)* PARTICIPANT NET BENEFITS (NPV)	**18,924**
(3)* RIM TEST - BENEFIT/COST RATIO	**1.20**

TOTAL RESOURCE COST TESTS
PROGRAM: GSLM 2&3 CCV 2016

PSC FORM CE 2.3
Page 1 of 1
August 20, 2015

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T & D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2016	0	124	0	0	124	0	0	13	0	13	(111)	(111)
2017	0	128	0	0	128	0	0	42	0	42	(87)	(192)
2018	0	133	0	0	133	0	0	62	0	62	(71)	(254)
2019	0	138	0	0	138	0	0	89	0	89	(49)	(294)
2020	0	144	0	0	144	0	0	117	0	117	(27)	(314)
2021	0	9	0	0	9	3,034	0	138	0	3,172	3,163	1,911
2022	0	9	0	0	9	2,945	0	149	0	3,094	3,085	3,934
2023	0	10	0	0	10	2,860	0	146	0	3,006	2,997	5,765
2024	0	10	0	0	10	2,774	0	153	0	2,927	2,917	7,427
2025	0	10	0	0	10	2,695	0	158	0	2,853	2,843	8,936
2026	0	10	0	0	10	2,620	0	165	0	2,784	2,774	10,309
2027	0	11	0	0	11	2,559	0	167	0	2,727	2,716	11,562
2028	0	11	0	0	11	2,493	0	170	0	2,664	2,653	12,703
2029	0	11	0	0	11	2,433	0	182	0	2,616	2,604	13,747
2030	0	11	0	0	11	2,371	0	192	0	2,564	2,552	14,700
2031	0	12	0	0	12	2,303	0	205	0	2,509	2,497	15,569
2032	0	12	0	0	12	2,236	0	210	0	2,445	2,433	16,359
2033	0	12	0	0	12	2,170	0	224	0	2,394	2,381	17,079
2034	0	13	0	0	13	2,091	0	243	0	2,334	2,322	17,734
2035	0	13	0	0	13	2,029	0	246	0	2,275	2,262	18,328
2036	0	13	0	0	13	1,967	0	261	0	2,228	2,215	18,871
2037	0	13	0	0	13	1,907	0	268	0	2,175	2,162	19,364
2038	0	14	0	0	14	1,879	0	285	0	2,164	2,150	19,822
2039	0	14	0	0	14	1,847	0	289	0	2,137	2,123	20,243
2040	0	15	0	0	15	1,824	0	290	0	2,114	2,099	20,631
NOMINAL	0	900	0	0	900	47,039	0	4,464	0	51,502	50,602	
NPV:	0	666	0	0	666	19,562	0	1,734	0	21,297	20,631	

Discount Rate 0.07287 Benefit/Cost Ratio - [col (11)/col (6)]: 31.99

PARTICIPANT COSTS AND BENEFITS
PROGRAM: GSLM 2&3 CCV 2016

PSC FORM CE 2.4
Page 1 of 1
August 20, 2015

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILL $(000)	TAX CREDITS $(000)	UTILITY REBATES $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	CUSTOMER EQUIPMENT COSTS $(000)	CUSTOMER O & M COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2016	22	0	165	0	186	0	0	0	0	186	186
2017	66	0	494	0	560	0	0	0	0	560	708
2018	110	0	823	0	933	0	0	0	0	933	1,519
2019	158	0	1,152	0	1,310	0	0	0	0	1,310	2,579
2020	208	0	1,481	0	1,689	0	0	0	0	1,689	3,854
2021	240	0	1,646	0	1,886	0	0	0	0	1,886	5,181
2022	247	0	1,646	0	1,893	0	0	0	0	1,893	6,422
2023	249	0	1,646	0	1,895	0	0	0	0	1,895	7,580
2024	254	0	1,646	0	1,900	0	0	0	0	1,900	8,663
2025	259	0	1,646	0	1,905	0	0	0	0	1,905	9,674
2026	265	0	1,646	0	1,911	0	0	0	0	1,911	10,620
2027	267	0	1,646	0	1,913	0	0	0	0	1,913	11,503
2028	272	0	1,646	0	1,918	0	0	0	0	1,918	12,327
2029	275	0	1,646	0	1,921	0	0	0	0	1,921	13,097
2030	280	0	1,646	0	1,926	0	0	0	0	1,926	13,817
2031	287	0	1,646	0	1,933	0	0	0	0	1,933	14,490
2032	294	0	1,646	0	1,940	0	0	0	0	1,940	15,119
2033	302	0	1,646	0	1,948	0	0	0	0	1,948	15,709
2034	313	0	1,646	0	1,959	0	0	0	0	1,959	16,261
2035	322	0	1,646	0	1,968	0	0	0	0	1,968	16,778
2036	333	0	1,646	0	1,979	0	0	0	0	1,979	17,263
2037	352	0	1,646	0	1,998	0	0	0	0	1,998	17,719
2038	364	0	1,646	0	2,009	0	0	0	0	2,009	18,147
2039	377	0	1,646	0	2,022	0	0	0	0	2,022	18,548
2040	388	0	1,646	0	2,033	0	0	0	0	2,033	18,924
NOMINAL	6,505	0	37,033	0	43,537	0	0	0	0	43,537	
NPV:	2,661	0	16,263	0	18,924	0	0	0	0	18,924	

In service year of gen unit: 2021 #DIV/0!

RATE IMPACT TEST
PROGRAM: GSLM 2&3 CCV 2016

PSC FORM CE 2.5
Page 1 of 1
August 20, 2015

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	INCENTIVES $(000)	REVENUE LOSSES $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT UNIT & FUEL BENEFITS $(000)	AVOIDED T & D BENEFITS $(000)	REVENUE GAINS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS TO ALL CUSTOMERS $(000)	CUMULATIVE DISCOUNTED NET BENEFIT $(000)
2016	0	124	165	7	0	296	13	0	0	0	13	(283)	(283)
2017	0	128	494	23	0	645	42	0	0	0	42	(603)	(845)
2018	0	133	823	38	0	994	62	0	0	0	62	(932)	(1655)
2019	0	138	1,152	54	0	1,344	89	0	0	0	89	(1,255)	(2671)
2020	0	144	1,481	70	0	1,695	117	0	0	0	117	(1,578)	(3862)
2021	0	9	1,646	78	0	1,733	3,172	0	0	0	3,172	1,439	(2850)
2022	0	9	1,646	79	0	1,734	3,094	0	0	0	3,094	1,360	(1958)
2023	0	10	1,646	80	0	1,735	3,006	0	0	0	3,006	1,271	(1181)
2024	0	10	1,646	80	0	1,736	2,927	0	0	0	2,927	1,190	(503)
2025	0	10	1,646	81	0	1,737	2,853	0	0	0	2,853	1,116	89
2026	0	10	1,646	82	0	1,738	2,784	0	0	0	2,784	1,046	607
2027	0	11	1,646	83	0	1,739	2,727	0	0	0	2,727	987	1063
2028	0	11	1,646	84	0	1,740	2,664	0	0	0	2,664	923	1460
2029	0	11	1,646	85	0	1,742	2,616	0	0	0	2,616	874	1810
2030	0	11	1,646	85	0	1,743	2,564	0	0	0	2,564	821	2116
2031	0	12	1,646	86	0	1,744	2,509	0	0	0	2,509	765	2383
2032	0	12	1,646	87	0	1,745	2,445	0	0	0	2,445	700	2610
2033	0	12	1,646	88	0	1,746	2,394	0	0	0	2,394	647	2806
2034	0	13	1,646	89	0	1,747	2,334	0	0	0	2,334	587	2971
2035	0	13	1,646	90	0	1,749	2,275	0	0	0	2,275	527	3110
2036	0	13	1,646	91	0	1,750	2,228	0	0	0	2,228	478	3227
2037	0	13	1,646	92	0	1,751	2,175	0	0	0	2,175	424	3324
2038	0	14	1,646	92	0	1,752	2,164	0	0	0	2,164	412	3411
2039	0	14	1,646	93	0	1,753	2,137	0	0	0	2,137	383	3487
2040	0	15	1,646	94	0	1,755	2,114	0	0	0	2,114	359	3554
NOMINAL	0	900	37,033	1,911	0	39,843	51,502	0	0	0	51,502	11,659	
NPV:	0	666	16,263	815	0	17,743	21,297	0	0	0	21,297	3,554	

Discount rate: 0.07287

Benefit/Cost Ratio - [col (12)/col (7)]: 1.20

RESIDENTIAL SERVICE
2016 VARIABLE PRICING (RSVP-1) RATES
CENTS PER KWH

Rate Tiers	Base Rate	Fuel	Capacity	Environmental	Conservation	Total Clauses	Base Rate Plus Clauses
P4	5.011	3.676	0.178	0.432	30.774	35.060	40.071
P3	5.011	3.676	0.178	0.432	7.176	11.462	16.473
P2	5.011	3.676	0.178	0.432	-0.645	3.641	8.652
P1	5.011	3.676	0.178	0.432	-2.165	2.121	7.132