

Docket No. 20170002-EG					
Comprehensive Exhibit List for Entry into Hearing Record					
October 25, 2017					
EXH #	Witness	I.D. # As Filed	Exhibit Description	Issue Nos.	Entered
1		Exhibit List	Comprehensive Exhibit List		Stipulated
DUKE ENERGY FLORIDA, LLC (Direct)					
2	Lori J. Cross	LJC-1T	ECCR Adjusted Net True-Up for January - December 2016, Schedules CT1 – CT6	1, 2, 3, 4, 5, 6, 7	Stipulated
3	Lori J. Cross	LJC-1P	Estimated/Actual True-Up, January – December 2017 and ECCR Factors for Billings in January – December 2018, Schedules C1 – C6	1, 2, 3, 4, 5, 6, 7	Stipulated
FLORIDA POWER & LIGHT COMPANY (Direct)					
4	Rena B. Deaton	AS-1	Schedules CT-1 and CT-4	1, 2, 3, 5, 6, 7	Stipulated
5	Rena B. Deaton / A. Sharma	AS-1	Schedules CT-2 and CT-3	1, 2, 3, 4, 5, 6, 7	Stipulated
6	Anita Sharma	AS-1	Schedules CT-5 and CT-6, Appendix A	4	Stipulated
7	Rena B. Deaton	AS-2	Schedule C-1 and C-4	1, 2, 3, 5, 6, 7	Stipulated
8	Rena B. Deaton / Anita Sharma	AS-2	Schedule C-2 and C-3	1, 2, 3, 4, 5, 6, 7	Stipulated
9	Anita Sharma	AS-2	Schedule C-5	4	Stipulated

FLORIDA PUBLIC UTILITIES COMPANY (Direct)					
10	Curtis Young	CDY-1 (composite)	Schedules CT-1, CT-2, CT-3, CT-4, CT-5 and CT-6	1	Stipulated
11	Danielle N.B. Mulligan	DNBM-1 (composite)	Schedules C-1, C-2, C-3, C-4, and C-5	2 , 3, 4	Stipulated
12	Danielle N.B. Mulligan	DNBM-2	Distributed Battery Technology Pilot Description	2 , 3, 4	Stipulated
GULF POWER COMPANY (Direct)					
13	John N. Floyd	JNF-1	Schedules CT-1 through CT-6	1, 2, 3, 4, 5, 6, 7	Stipulated
14	John N. Floyd	JNF-2	Schedules C-1 through C-6	1, 2, 3, 4, 5, 6, 7, 10, 11	Stipulated
15	John N. Floyd	JNF-3	Revised Tariff Sheet No. 6.98	11	Stipulated
TAMPA ELECTRIC COMPANY (Direct)					
16	Mark R. Roche	MRR-1, filed May 1, 2017; MRR-1, revised and filed August 29, 2017	Schedules supporting cost recovery factor, actual January 2016 – December 2016	1,2,3,4,5,6,7,8,9	Stipulated
17	Mark R. Roche	MRR-2, filed August 18, 2017; MRR-2, Page 1 of 1, revised and filed August 25, 2017	Schedules supporting conservation costs projected for the period January 2018 – December 2018	1,2,3,4,5,6,7,8,9	Stipulated

STAFF (Direct)					
18	Lori J. Cross		DEF's Responses to Staff's Third Set of Interrogatories Nos. 47-49, including attachments. <i>(Bates Nos. 00001-00008)</i>	1, 2, 3, 4, 5, 6, 7	Stipulated

DUKE ENERGY FLORIDA, LLC

ENERGY CONSERVATION ADJUSTED NET TRUE-UP
FOR THE PERIOD JANUARY 2016 THROUGH DECEMBER 2016

LINE
NO.

1	ACTUAL END OF PERIOD TRUE-UP (OVER) / UNDER RECOVERY		
2	BEGINNING BALANCE	(\$6,293,328)	
3	PRINCIPAL (CT 3, PAGE 2 of 5)	(7,244,131)	
4	INTEREST (CT 3, PAGE 3 of 5)	(26,870)	
5	PRIOR TRUE-UP REFUND	6,293,328	
6	ADJUSTMENTS	<u>0</u>	(\$7,271,001)
7	LESS: ESTIMATED TRUE-UP FROM SEPTEMBER 2016		
8	PROJECTION FILING (OVER) / UNDER RECOVERY		
9	BEGINNING BALANCE	(\$6,293,328)	
10	PRINCIPAL	(3,861,385)	
11	INTEREST	(18,190)	
12	PRIOR TRUE-UP REFUND	6,293,328	
13	ADJUSTMENTS	<u>0</u>	<u>(\$3,879,575)</u>
14	VARIANCE TO PROJECTION		<u><u>(\$3,391,426)</u></u>

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170002-EG EXHIBIT: 2
PARTY: DUKE ENERGY FLORIDA (Direct)
DESCRIPTION: LORI CROSS LJC-1T

DUKE ENERGY FLORIDA, LLC

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS
ACTUAL VS. ESTIMATED
FOR THE PERIOD JANUARY 2016 THROUGH DECEMBER 2016

LINE NO.	PROGRAM	ACTUAL	ESTIMATED	DIFFERENCE
1	DEPRECIATION AMORT. & RETURN	14,819,894	15,099,824	(279,930)
2	PAYROLL AND BENEFITS	12,666,509	13,420,792	(754,283)
3	MATERIALS AND SUPPLIES	521,503	428,442	93,060
4	OUTSIDE SERVICES	4,401,728	4,708,065	(306,337)
5	ADVERTISING	3,412,604	3,741,546	(328,942)
6	INCENTIVES	72,496,489	72,092,690	403,799
7	VEHICLES	253,086	254,707	(1,621)
8	OTHER	583,626	636,553	(52,927)
9	PROGRAM REVENUES	0	0	0
10	TOTAL PROGRAM COSTS	109,155,438	110,382,619	(1,227,181)
11	LESS:			
12	CONSERVATION CLAUSE REVENUES	110,106,241	107,950,675	2,155,566
13	PRIOR TRUE-UP	6,293,328	6,293,328	0
14	TRUE-UP BEFORE INTEREST	(7,244,131)	(3,861,385)	(3,382,746)
15	AUDIT & REV DECOUPLING ADJUSTMENT			
16	INTEREST PROVISION	(26,870)	(18,190)	(8,680)
17	END OF PERIOD TRUE-UP	(7,271,001)	(3,879,575)	(3,391,426)

() REFLECTS OVERRECOVERY

** Certain schedules may not foot/crossfoot due to rounding of decimals in files.

DUKE ENERGY FLORIDA, LLC

Actual Energy Conservation Program Costs per Program
FOR THE PERIOD JANUARY 2016 THROUGH DECEMBER 2016

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	18,126	2,693,819	98,668	202,083	57,115	1,093,397	568,972	71,250	4,803,430	0	4,803,430
2	RESIDENTIAL INCENTIVE PROGRAM (HEI & NEW CONSTR.)	0	1,764,610	55,134	145,054	18,387	879,948	5,962,894	23,694	8,849,722	0	8,849,722
3	BUSINESS ENERGY CHECK	16,404	405,856	14,745	9,432	1,963	3,215	18,150	14,077	483,840	0	483,840
4	BETTER BUSINESS (Incl: C/I NEW CONSTRUCTION)	307	1,067,253	13,363	60,102	2,554	49,625	1,571,659	(7,762)	2,757,101	0	2,757,101
5	TECHNOLOGY DEVELOPMENT	0	178,261	3,248	77,516	2,450	0	420	10,289	272,184	0	272,184
6	SOLAR WATER HEATING W/EM	0	1,121	0	0	0	0	(5,026)	0	(3,905)	0	(3,905)
7	PHOTOVOLTAIC FOR SCHOOLS PILOT	0	0	0	0	0	0	19,982	0	19,982	0	19,982
8	RESIDENTIAL SOLAR PHOTOVOLTAIC	0	1,681	0	10	0	0	(34,815)	0	(33,123)	0	(33,123)
9	FLORIDA CUSTOM INCENTIVE	0	113,706	980	53,094	7,084	2,367	8,310	(24,839)	160,703	0	160,703
10	INTERRUPTABLE SERVICE	14,605	127,747	3,622	1,098	24,279	0	30,665,347	3,015	30,839,712	0	30,839,712
11	CURTAILABLE SERVICE	0	23,024	0	0	0	6,414	2,160,018	0	2,189,456	0	2,189,456
12	RESIDENTIAL ENERGY MANAGEMENT	14,724,241	1,789,214	39,296	2,236,180	137,079	1,178,025	23,065,864	43,208	43,213,106	0	43,213,106
13	COMMERCIAL ENERGY MANAGEMENT	0	0	0	0	0	0	539,060	0	539,060	0	539,060
14	LOW INCOME	0	112,305	67	200	9	24,168	136,212	19,971	292,931	0	292,931
15	STANDBY GENERATION	46,211	205,423	5,179	9,540	6,925	0	6,276,629	4,553	6,554,460	0	6,554,460
16	QUALIFYING FACILITY	0	1,034,206	5,192	9,567	6,774	0	0	37,573	1,093,311	0	1,093,311
17	NEIGHBORHOOD ENERGY SAVER	0	243,104	1,385	376,939	1,378	175,445	1,542,813	23,499	2,364,563	0	2,364,563
18	CONSERVATION PROGRAM ADMIN	0	2,905,179	12,209	1,220,913	255,505	0	0	365,099	4,758,906	0	4,758,906
19												
20	Total All Programs	14,819,894	12,666,509	253,086	4,401,728	521,503	3,412,604	72,496,489	583,626	109,155,438	0	109,155,438

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DUKE ENERGY FLORIDA, LLC

Variance in Energy Conservation Program Costs
12 Months Actual vs. 12 Months Estimated

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	0	(270,773)	(2,826)	(42,635)	(41,162)	518	(37,101)	29,090	(364,890)	0	(364,890)
2	RESIDENTIAL INCENTIVE PROGRAM (HEI & NEW CONSTR.)	0	99,005	12,381	(14,833)	7,900	(314,711)	936,916	(14,157)	712,500	0	712,500
3	BUSINESS ENERGY CHECK	0	(153,219)	(1,059)	(65,568)	(2,165)	(19,155)	(51,850)	(10,618)	(303,634)	0	(303,634)
4	BETTER BUSINESS (Incl: C/I NEW CONSTRUCTION)	0	(215,529)	(4,247)	31,155	(424)	766	192,514	(732)	3,502	0	3,502
5	TECHNOLOGY DEVELOPMENT	0	(147,413)	(942)	(148,463)	(92,663)	0	420	(32,423)	(421,484)	0	(421,484)
6	SOLAR WATER HEATING W/EM	0	0	0	0	0	0	(2,444)	0	(2,444)	0	(2,444)
7	PHOTOVOLTAIC FOR SCHOOLS PILOT	0	0	0	0	0	0	90,335	0	90,335	0	90,335
8	RESIDENTIAL SOLAR PHOTOVOLTAIC	0	0	0	0	0	0	0	0	0	0	0
9	FLORIDA CUSTOM INCENTIVE	0	43,106	465	8,939	6,229	(42,993)	(90,000)	(25,855)	(100,109)	0	(100,109)
10	INTERRUPTABLE SERVICE	(385)	15,117	(328)	169	(6,013)	0	(528,978)	(803)	(521,221)	0	(521,221)
11	CURTAILABLE SERVICE	0	23,024	0	0	0	6,414	581,894	0	611,333	0	611,333
12	RESIDENTIAL ENERGY MANAGEMENT	(279,041)	(93,968)	2,891	(597,198)	106,244	(18,087)	(241,765)	(6,624)	(1,127,549)	0	(1,127,549)
13	COMMERCIAL ENERGY MANAGEMENT	0	0	0	0	0	0	(94,392)	0	(94,392)	0	(94,392)
14	LOW INCOME	0	(6,042)	67	0	0	(10,192)	(3,847)	3,768	(16,246)	0	(16,246)
15	STANDBY GENERATION	(504)	5,411	958	8,635	(1,194)	0	(20,013)	(2,864)	(9,572)	0	(9,572)
16	QUALIFYING FACILITY	0	(6,061)	(903)	5,245	(302)	0	0	(4,573)	(6,594)	0	(6,594)
17	NEIGHBORHOOD ENERGY SAVER	0	(59,572)	(219)	5,987	508	68,499	(327,889)	(524)	(313,209)	0	(313,209)
18	CONSERVATION PROGRAM ADMIN	0	12,633	(7,859)	502,230	116,102	0	0	13,389	636,494	0	636,494
19												
20	Total All Programs	(279,930)	(754,283)	(1,621)	(306,337)	93,060	(328,942)	403,799	(52,927)	(1,227,180)	0	(1,227,180)

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DUKE ENERGY FLORIDA, LLC

Estimated Energy Conservation Program Costs per Program
FOR THE PERIOD JANUARY 2016 THROUGH DECEMBER 2016

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	18,126	2,964,593	101,494	244,718	98,277	1,092,879	606,073	42,160	5,168,319	0	5,168,319
2	RESIDENTIAL INCENTIVE PROGRAM (HEI & NEW CONSTR.)	0	1,665,606	42,752	159,887	10,487	1,194,660	5,025,979	37,851	8,137,222	0	8,137,222
3	BUSINESS ENERGY CHECK	16,404	559,075	15,804	75,000	4,128	22,369	70,000	24,695	787,474	0	787,474
4	BETTER BUSINESS (Incl: C/I NEW CONSTRUCTION)	307	1,282,781	17,610	28,948	2,978	48,859	1,379,145	(7,030)	2,753,599	0	2,753,599
5	TECHNOLOGY DEVELOPMENT	0	325,674	4,190	225,978	95,114	0	0	42,712	693,668	0	693,668
6	SOLAR WATER HEATING W/EM	0	1,121	0	0	0	0	(2,582)	0	(1,461)	0	(1,461)
7	PHOTOVOLTAIC FOR SCHOOLS PILOT	0	0	0	0	0	0	(70,353)	0	(70,353)	0	(70,353)
8	RESIDENTIAL SOLAR PHOTOVOLTAIC	0	1,681	0	10	0	0	(34,815)	0	(33,123)	0	(33,123)
9	FLORIDA CUSTOM INCENTIVE	0	70,601	515	44,155	855	45,360	98,310	1,017	260,812	0	260,812
10	INTERRUPTABLE SERVICE	14,990	112,630	3,950	929	30,292	0	31,194,325	3,818	31,360,933	0	31,360,933
11	CURTAILABLE SERVICE	0	0	0	0	0	0	1,578,124	0	1,578,124	0	1,578,124
12	RESIDENTIAL ENERGY MANAGEMENT	15,003,282	1,883,182	36,405	2,833,378	30,835	1,196,112	23,307,629	49,832	44,340,654	0	44,340,654
13	COMMERCIAL ENERGY MANAGEMENT	0	0	0	0	0	0	633,452	0	633,452	0	633,452
14	LOW INCOME	0	118,347	0	200	9	34,360	140,058	16,203	309,177	0	309,177
15	STANDBY GENERATION	46,715	200,012	4,221	905	8,119	0	6,296,643	7,417	6,564,032	0	6,564,032
16	QUALIFYING FACILITY	0	1,040,267	6,094	4,322	7,076	0	0	42,146	1,099,905	0	1,099,905
17	NEIGHBORHOOD ENERGY SAVER	0	302,676	1,604	370,952	869	106,946	1,870,702	24,023	2,677,772	0	2,677,772
18	CONSERVATION PROGRAM ADMIN	0	2,892,547	20,068	718,683	139,404	0	0	351,710	4,122,412	0	4,122,412
19												
20	Total All Programs	15,099,824	13,420,792	254,707	4,708,065	428,442	3,741,546	72,092,690	636,553	110,382,619	0	110,382,619

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DUKE ENERGY FLORIDA, LLC
ENERGY CONSERVATION ADJUSTMENT
CALCULATION OF TRUE-UP
FOR THE PERIOD JANUARY 2016 THROUGH DECEMBER 2016

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	7,931,919	8,070,791	7,834,963	7,650,065	9,011,534	10,174,924	11,170,360	11,427,103	10,820,179	9,633,971	8,831,415	7,549,016	110,106,241
3	TOTAL REVENUES	7,931,919	8,070,791	7,834,963	7,650,065	9,011,534	10,174,924	11,170,360	11,427,103	10,820,179	9,633,971	8,831,415	7,549,016	110,106,241
4	PRIOR PERIOD TRUE-UP OVER/(UNDER)	(6,293,328)	524,444	524,444	524,444	524,444	524,444	524,444	524,444	524,444	524,444	524,444	524,444	6,293,328
5	CONSERVATION REVENUES APPLICABLE TO PERIOD	8,456,363	8,595,235	8,359,407	8,174,509	9,535,978	10,699,368	11,694,804	11,951,547	11,344,623	10,158,415	9,355,859	8,073,460	116,399,569
6	CONSERVATION EXPENSES (CT-3,PAGE 1, LINE 29)	7,789,588	9,392,394	9,804,021	8,212,988	9,146,611	9,186,488	9,069,988	9,263,641	9,407,994	9,005,530	9,364,154	9,512,043	109,155,438
7	TRUE-UP THIS PERIOD (O)/U	(666,775)	797,158	1,444,615	38,478	(389,367)	(1,512,880)	(2,624,817)	(2,687,907)	(1,936,629)	(1,152,886)	8,295	1,438,583	(7,244,131)
8	CURRENT PERIOD INTEREST	(2,121)	(1,974)	(1,481)	(932)	(735)	(909)	(1,517)	(2,347)	(3,157)	(3,776)	(3,797)	(4,124)	(26,870)
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	(6,293,328)	(6,437,780)	(5,118,152)	(3,150,574)	(2,588,584)	(2,454,242)	(3,443,587)	(5,545,476)	(7,711,286)	(9,126,628)	(9,758,845)	(9,229,903)	(6,293,328)
11	PRIOR TRUE-UP REFUNDED/ (COLLECTED)	524,444	524,444	524,444	524,444	524,444	524,444	524,444	524,444	524,444	524,444	524,444	524,444	6,293,328
12	END OF PERIOD NET TRUE-UP	(6,437,780)	(5,118,152)	(3,150,574)	(2,588,584)	(2,454,242)	(3,443,587)	(5,545,476.30)	(7,711,286)	(9,126,628)	(9,758,845)	(9,229,903)	(7,271,001)	(7,271,001)

DUKE ENERGY FLORIDA, LLC

CALCULATION OF INTEREST PROVISION
FOR THE PERIOD JANUARY 2016 - DECEMBER 2016

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)	(6,293,328)	(6,437,780)	(5,118,152)	(3,150,574)	(2,588,584)	(2,454,242)	(3,443,587)	(5,545,476)	(7,711,286)	(9,126,628)	(9,758,845)	(9,229,903)	
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	(6,435,659)	(5,116,178)	(3,149,093)	(2,587,652)	(2,453,507)	(3,442,678)	(5,543,959)	(7,708,939)	(9,123,471)	(9,755,069)	(9,226,106)	(7,266,877)	
3 TOTAL BEGINNING & ENDING TRUE-UP	(12,728,987)	(11,553,958)	(8,267,245)	(5,738,226)	(5,042,091)	(5,896,920)	(8,987,546)	(13,254,415)	(16,834,757)	(18,881,697)	(18,984,952)	(16,496,780)	
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(6,364,493)	(5,776,979)	(4,133,622)	(2,869,113)	(2,521,046)	(2,948,460)	(4,493,773)	(6,627,208)	(8,417,378)	(9,440,848)	(9,492,476)	(8,248,390)	
5 INTEREST RATE: FIRST DAY REPORTING BUSINESS MONTH	0.40%	0.40%	0.42%	0.44%	0.34%	0.36%	0.38%	0.43%	0.42%	0.48%	0.48%	0.48%	
6 INTEREST RATE: FIRST DAY SUBSEQUENT BUSINESS MONTH	0.40%	0.42%	0.44%	0.34%	0.36%	0.38%	0.43%	0.42%	0.48%	0.48%	0.48%	0.72%	
7 TOTAL (LINE 5 AND LINE 6)	0.80%	0.82%	0.86%	0.78%	0.70%	0.74%	0.81%	0.85%	0.90%	0.96%	0.96%	1.20%	
8 AVERAGE INTEREST RATE (50% OF LINE 7)	0.40%	0.41%	0.43%	0.39%	0.35%	0.37%	0.41%	0.43%	0.45%	0.48%	0.48%	0.60%	
9 INTEREST PROVISION (LINE 4 * LINE 8) / 12	(2,121)	(1,974)	(1,481)	(932)	(735)	(909)	(1,517)	(2,347)	(3,157)	(3,776)	(3,797)	(4,124)	(26,870)

Duke Energy Florida, LLC
 Conservation Account Numbers
 For the Period January 2016 - December 2016

Line No.	Account	Product	Program Title
1	0908000	HEHC	Home Energy Check
1	0909000	HEHC	Home Energy Check (Advertising)
1	0403002	HEHC	Home Energy Check (Equipment Depreciation)
2	0908000	RSIP	Residential Incentive Program
2	0909000	RSIP	Residential Incentive Program (Advertising)
2	0403002	RSIP	Residential Incentive Program (Equipment Depreciation)
3	0908000	NRAOS	Business Energy Check
3	0909000	NRAOS	Business Energy Check (Advertising)
3	0403002	NRAOS	Business Energy Check (Equipment Depreciation)
4	0908000	NRBBUS	Better Business
4	0909000	NRBBUS	Better Business (Advertising)
4	0403002	NRBBUS	Better Business (Equipment Depreciation)
5	0908000	TECDEV	Technology Development
5	0908000	TECDEV	Technology Development (Energy Efficiency Research)
6	0908000	PVWHEM	Solar Water Heating w/EM
7	0908000	PVSCHP	Photovoltaic for Schools Pilot
8	0908000	PVRES	Residential Solar Photovoltaic
8	0908000	PVRES	Residential Solar Photovoltaic - CSS Input
9	0908000	NRPRSC	Florida Custom Incentive
10	0908000	IRRSVC	Interruptible Service
10	0403002	IRRSVC	Interruptible Service (Equipment Depreciation)
11	0908000	PWRSHR	Curtable Service

Duke Energy Florida, LLC
Conservation Account Numbers
FOR THE PERIOD JANUARY 2016 THROUGH DECEMBER 2016

Line No.	Account	Product	Program Title
12	0908000	PWRMGR	Energy Management - Residential
12	0908002	PWRMGR	Energy Management - Residential (Amortization of Load Mgmt Switches)
12	0909000	PWRMGR	Energy Management - Residential (Advertising)
12	0403002	PWRMGR	Energy Management - Residential (Equipment Depreciation)
12	0908000	20078837	Other accounts included with Energy Management - Residential (SG DLC Switch Uplift)
12	0909000	20078837	Other accounts included with Energy Management - Residential (SG DLC Switch Uplift)
12	0908000	20078851	Other accounts included with Energy Management - Residential (PEF NAN-AMI)
12	0908000	20078944	Other accounts included with Energy Management - Residential (PEF ODS)
12	0908000	20078945	Other accounts included with Energy Management - Residential (NAN Telecom)
12	0908000	20079302	Other accounts included with Energy Management - Residential (NAN APP DEV)
12	0908000	20088588	Other accounts included with Energy Management - Residential (PEF LMS)
12	0908000	20091753	Other accounts included with Energy Management - Residential (PEF Pole Make Ready)
12	0908000	20091844	Other accounts included with Energy Management - Residential (NAN Telecom S1)
12	0908000	20091884	Other accounts included with Energy Management - Residential (NAN Telecom S4)
12	0908000	20091885	Other accounts included with Energy Management - Residential (NAN Telecom S5)
12	0908000	20091886	Other accounts included with Energy Management - Residential (NAN Telecom S6)
12	0908000	20091887	Other accounts included with Energy Management - Residential (NAN Telecom S7)
12	0908000	20091888	Other accounts included with Energy Management - Residential (NAN Telecom S8)
12	0908000	20092701	Other accounts included with Energy Management - Residential (PEF LLC Telecom)
12	0908000	20103953	Other accounts included with Energy Management - Residential (DEF PLAN B RDR)
12	0908000	20103955	Other accounts included with Energy Management - Residential (PEF PLAN B LMS)
12	0908000	20103959	Other accounts included with Energy Management - Residential (PEF PLAN B DLC TELECOM)
12	0908000	SGFRDRPSO	Other accounts included with Energy Management - Residential (SG DEF RDR Pre Scale Deployment)
12	0908000	SGFRDRSSO	Other accounts included with Energy Management - Residential (SG DEF RDR Switch Selection)
12	0908000	PWRMGR	Other accounts included with Energy Management - Residential (Switch installation)
13	0908000	COMLM	Energy Management - Commercial
14	0908000	WZELEC	Low Income Weatherization Asst
14	0909000	WZELEC	Low Income Weatherization Asst (Advertising)
15	0908000	STBGEN	Standby Generation
15	0403002	STBGEN	Standby Generation (Equipment Depreciation)
16	0908000	PPCOGN	Qualifying Facility
16	0908000	PPCOGN	Qualifying Facility - COGEN contract maintenance
17	0908000	HWLI	Neighborhood Energy Saver
17	0909000	HWLI	Neighborhood Energy Saver (Advertising)
18	0908000	NOPROD	Conservation Program Admin
18	0909000	NOPROD	Conservation Program Admin (Advertising)
18	0908000	NOPROD	Other accounts included with Conservation Program Admin (ECCR Maintenance)
18	0908000	NOPROD	Other accounts included with Conservation Program Admin (ECCR Planning)

DUKE ENERGY FLORIDA, LLC

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2016 - DECEMBER 2016

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	0	0	0	0	0	0	0	0	0	0
4 DEPRECIATION BASE		0	0	0	0	0	0	0	0	0	0	0	0	0
5														
6 DEPRECIATION EXPENSE		0	0	0	0	0	0	0	0	0	0	0	0	0
7														
8 CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 LESS: ACC. NET DEPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	0	0	0	0
12 RETURN ON AVG INVEST		0	0	0	0	0	0	0	0	0	0	0	0	0
13														
14 RETURN REQUIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
15														
16 PROGRAM TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0
17														
18 INTERRUPTIBLE SERVICE														
19 INVESTMENTS		44,502	0	0	0	48	0	0	0	0	0	0	0	44,550
20 RETIREMENTS		78,111	0	39	0	0	0	0	0	0	0	0	0	78,150
21 DEPRECIATION BASE		46,413	51,860	51,840	51,821	51,821	51,869	51,869	51,869	51,869	51,869	51,869	51,869	
22														
23 DEPRECIATION EXPENSE		715	864	864	864	864	865	865	865	865	865	865	865	10,226
24														
25 CUMM. NET INVEST	85,469	51,860	51,860	51,821	51,821	51,869	51,869	51,869	51,869	51,869	51,869	51,869	51,869	51,869
26 LESS: ACC. NET DEPR	79,710	2,314	3,178	4,003	4,867	5,731	6,596	7,461	8,326	9,191	10,056	10,921	11,786	11,786
27 NET INVESTMENT	5,759	49,546	48,682	47,818	46,954	46,138	45,273	44,408	43,543	42,678	41,813	40,948	40,083	40,083
28 AVERAGE INVESTMENT		27,652	49,114	48,250	47,386	46,546	45,706	44,841	43,976	43,111	42,246	41,381	40,516	
29 RETURN ON AVG INVEST		165	293	287	282	278	272	252	247	242	237	233	227	3,015
30														
31 RETURN REQUIREMENTS		242	425	416	409	403	394	366	359	352	344	339	330	4,379
32														
33 PROGRAM TOTAL		957	1,289	1,280	1,273	1,267	1,259	1,231	1,224	1,217	1,209	1,204	1,195	14,605
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		69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	
39														
40 DEPRECIATION EXPENSE		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
41														
42 CUMM. NET INVEST	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
43 LESS: ACC. NET DEPR	37,580	38,737	39,894	41,051	42,208	43,365	44,522	45,679	46,836	47,993	49,150	50,307	51,464	51,464
44 NET INVESTMENT	31,835	30,678	29,521	28,364	27,207	26,050	24,893	23,736	22,579	21,422	20,265	19,108	17,951	17,951
45 AVERAGE INVESTMENT		31,256	30,099	28,942	27,785	26,628	25,471	24,314	23,157	22,000	20,843	19,686	18,529	
46 RETURN ON AVG INVEST		186	179	172	166	159	152	137	130	123	118	111	104	1,737
47														
48 RETURN REQUIREMENTS		270	259	249	241	231	220	199	189	179	171	161	151	2,520
49														
50 PROGRAM TOTAL		1,427	1,416	1,406	1,398	1,388	1,377	1,356	1,346	1,336	1,328	1,318	1,308	16,404

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- Jul - Dec return on average investment is calculated using an annual rate of 6.74% based on May 2016 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

DUKE ENERGY FLORIDA, LLC

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2016 - DECEMBER 2016

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	0	0	0	0
3 RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
4 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	
5														
6 DEPRECIATION EXPENSE		982	982	982	982	982	982	982	982	982	982	982	982	11,784
7														
8 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
9 LESS: ACC. NET DEPR	13,762	14,744	15,726	16,708	17,690	18,672	19,654	20,636	21,618	22,600	23,582	24,564	25,546	25,546
10 NET INVESTMENT	68,700	67,718	66,736	65,754	64,772	63,790	62,808	61,826	60,844	59,862	58,880	57,898	56,916	56,916
11 AVERAGE INVESTMENT		68,209	67,227	66,245	65,263	64,281	63,299	62,317	61,335	60,353	59,371	58,389	57,407	
12 RETURN ON AVG INVEST		406	401	395	388	383	377	350	345	339	334	328	323	4,369
13														
14 RETURN REQUIREMENTS		589	581	573	563	555	547	509	501	493	485	477	469	6,342
15														
16 PROGRAM TOTAL		1,571	1,563	1,555	1,545	1,537	1,529	1,491	1,483	1,475	1,467	1,459	1,451	18,126
17														
18 RESIDENTIAL INCENTIVE PROGRAM (HEI & NEW CONSTR.)														
19 INVESTMENTS		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	0
22														
23 DEPRECIATION EXPENSE		0	0	0	0	0	0	0	0	0	0	0	0	0
24														
25 CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 LESS: ACC. NET DEPR	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	0
29 RETURN ON AVG INVEST		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 LOAD MANAGEMENT SWITCHES														
36 INVESTMENTS		148,238	100,449	347,636	148,538	716,048	519,146	546,159	478,289	494,594	400,226	780,483	436,751	5,116,560
37 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
38 INVESTMENTS BOOKED TO CWIP		2,464	0	0	0	0	0	0	0	0	0	0	0	2,464
39 CLOSING TO PLANT		9,206,210	0	0	0	0	0	0	0	0	0	0	0	9,206,210
40 DEPRECIATION BASE		7,607,991	16,750,013	16,601,647	16,689,589	16,595,645	16,966,722	17,138,216	17,400,444	17,659,084	18,061,109	18,386,837	19,076,857	
41														
42 AMORTIZATION EXPENSE		101,844	279,172	276,700	278,165	276,600	282,784	285,643	290,013	294,324	301,025	306,453	317,954	3,290,677
43														
44 CUMM. NET INVEST	7,712,997	16,857,433	16,743,042	16,807,888	16,719,828	17,187,511	17,265,080	17,557,511	17,721,666	18,091,097	18,431,349	19,122,808	19,467,656	19,467,656
45 LESS: ACC. NET DEPR	4,101,995	3,993,827	4,058,159	4,052,069	4,093,636	4,121,870	3,963,077	3,994,992	3,970,871	4,140,032	4,381,082	4,598,511	4,824,562	4,824,562
46 CUMM. CWIP	9,203,746	0	0	0	0	0	0	0	0	0	0	0	0	0
47 NET INVESTMENT	12,814,747	12,863,606	12,684,883	12,755,819	12,626,192	13,065,641	13,302,003	13,562,519	13,750,795	13,951,065	14,050,267	14,524,297	14,643,094	14,643,094
48 AVERAGE INVESTMENT		12,839,177	12,774,245	12,720,351	12,691,006	12,845,916	13,183,822	13,432,261	13,656,657	13,850,930	14,000,666	14,287,282	14,583,696	
49 RETURN ON AVG INVEST		76,456	76,069	75,748	75,574	76,496	78,508	75,433	76,693	77,784	78,625	80,234	81,899	929,519
50														
51 RETURN REQUIREMENTS		111,588	110,295	109,830	109,577	110,914	113,831	109,647	111,479	113,065	114,287	116,626	119,046	1,350,185
52														
53 PROGRAM TOTAL		213,432	389,467	386,530	387,742	387,514	396,615	395,290	401,492	407,389	415,312	423,079	437,000	4,640,862

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- Jul - Dec return on average investment is calculated using an annual rate of 6.74% based on May 2016 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

DUKE ENERGY FLORIDA, LLC

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2016 - DECEMBER 2016

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		0	0	0	0	0	0	0	0	0	0	0	0	0
5														
6 DEPRECIATION EXPENSE		0	0	0	0	0	0	0	0	0	0	0	0	0
7														
8 CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 LESS: ACC. NET DEPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	0	0	0	0
12 RETURN ON AVG INVEST		0	0	0	0	0	0	0	0	0	0	0	0	0
13														
14 RETURN REQUIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
15														
16 PROGRAM TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0
17														
18 STANDBY GENERATION														
19 INVESTMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
20 RETIREMENTS		0	176,498	0	126	4,000	0	10,800	0	0	0	0	0	191,425
21 DEPRECIATION BASE		366,050	277,801	189,552	189,489	187,426	185,426	180,026	174,625	174,625	174,625	174,625	174,625	
22														
23 DEPRECIATION EXPENSE		5,705	4,630	3,159	3,158	3,124	3,090	3,000	2,910	2,910	2,910	2,910	2,910	40,416
24														
25 CUMM. NET INVEST	366,050	366,050	189,552	189,552	189,426	185,426	185,426	174,625	174,625	174,625	174,625	174,625	174,625	174,625
26 LESS: ACC. NET DEPR	286,802	292,507	120,639	123,798	126,830	125,954	129,044	121,243	124,153	127,063	129,973	132,883	135,793	135,793
27 NET INVESTMENT	79,248	73,543	68,913	65,754	62,596	59,472	56,382	53,382	50,472	47,562	44,652	41,742	38,832	38,832
28 AVERAGE INVESTMENT		76,396	71,228	67,334	64,175	61,034	57,927	54,882	51,927	49,017	46,107	43,197	40,287	
29 RETURN ON AVG INVEST		455	424	401	382	363	345	309	292	275	259	242	226	3,973
30														
31 RETURN REQUIREMENTS		689	615	581	554	526	500	449	425	400	376	352	328	5,795
32														
33 PROGRAM TOTAL		6,394	5,245	3,740	3,712	3,650	3,590	3,449	3,335	3,310	3,286	3,262	3,238	46,211
34														
35 BETTER BUSINESS														
36 INVESTMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
37 RETIREMENTS		10,820	0	0	0	0	0	0	0	0	0	0	0	10,820
38 DEPRECIATION BASE		5,410	0	0	0	0	0	0	0	0	0	0	0	
39														
40 DEPRECIATION EXPENSE		305	0	0	0	0	0	0	0	0	0	0	0	305
41														
42 CUMM. NET INVEST	10,820	0	0	0	0	0	0	0	0	0	0	0	0	0
43 LESS: ACC. NET DEPR	10,515	0	0	0	0	0	0	0	0	0	0	0	0	0
44 NET INVESTMENT	305	0	0	0	0	0	0	0	0	0	0	0	0	0
45 AVERAGE INVESTMENT		152	0	0	0	0	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		307	0	0	0	0	0	0	0	0	0	0	0	307

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- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

DUKE ENERGY FLORIDA, LLC

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2016 - DECEMBER 2016

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		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	175,024	201,468
4 INVESTMENTS BOOKED TO CWIP		156,851	15,263	70,128	0	0	0	0	0	0	0	0	0	242,243
5 CLOSINGS TO PLANT		11,758,700	15,263	70,128	0	0	0	0	0	0	0	0	0	11,844,091
6 DEPRECIATION BASE		39,285,754	51,031,867	51,034,544	51,104,672	51,104,672	51,104,672	51,104,036	51,103,401	51,103,401	51,103,401	51,103,401	51,015,889	
7														
8 DEPRECIATION EXPENSE		334,129	533,228	533,272	534,441	534,441	534,441	534,431	534,420	534,420	534,420	534,420	533,984	6,210,047
9														
10 CUMM. NET INVEST	39,285,754	51,044,453	51,034,544	51,104,672	51,104,672	51,104,672	51,104,672	51,103,401	51,103,401	51,103,401	51,103,401	51,103,401	50,928,377	50,928,377
11 LESS: ACC. NET DEPR	9,711,286	10,045,415	10,553,471	11,086,743	11,621,184	12,155,625	12,690,066	13,223,225	13,757,645	14,292,065	14,826,485	15,360,905	15,719,865	15,719,865
12 CWIP	11,601,848	0	0	0	0	0	0	0	0	0	0	0	0	0
13 NET INVESTMENT	41,176,316	40,999,038	40,481,074	40,017,930	39,483,489	38,949,048	38,414,607	37,880,176	37,345,756	36,811,336	36,276,916	35,742,496	35,208,512	35,208,512
14 AVERAGE INVESTMENT		41,087,677	40,740,056	40,249,502	39,750,709	39,216,268	38,681,827	38,147,391	37,612,966	37,078,546	36,544,126	36,009,706	35,475,504	
15 RETURN ON AVG INVEST		244,672	242,602	239,682	236,711	233,529	230,346	214,229	211,227	208,225	205,224	202,223	199,223	2,667,893
16														
17 RETURN REQUIREMENTS		355,312	351,757	347,523	343,215	338,601	333,985	311,397	307,033	302,669	298,309	293,946	289,585	3,873,332
18														
19 PROGRAM TOTAL		689,441	884,985	880,795	877,656	873,042	868,426	845,828	841,453	837,089	832,729	828,366	823,569	10,083,379
20														
21 RESIDENTIAL ENERGY MANAGEMENT - SMARTGRID HARDWARE FOR ODS, LMS, APPDEV, & TELECOM (D)														
22 INVESTMENTS		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		469,833	0	0	0	0	0	0	0	0	0	0	0	469,833
26 DEPRECIATION BASE		10,117,558	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		117,745	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	1,467,324
29														
30 CUMM. NET INVEST	10,117,558	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. NET DEPR	2,996,842	3,114,587	3,237,276	3,359,965	3,482,654	3,605,343	3,728,032	3,850,721	3,973,410	4,096,099	4,218,788	4,341,477	4,464,166	4,464,166
32 Accum CWIP	469,833	0	0	0	0	0	0	0	0	0	0	0	0	0
33 NET INVESTMENT	7,590,549	7,472,804	7,350,115	7,227,426	7,104,737	6,982,048	6,859,359	6,736,670	6,613,981	6,491,292	6,368,603	6,245,914	6,123,225	6,123,225
34 AVERAGE INVESTMENT		7,531,677	7,411,460	7,288,771	7,166,082	7,043,393	6,920,704	6,798,015	6,675,326	6,552,637	6,429,948	6,307,259	6,184,570	
35 RETURN ON AVG INVEST		44,850	44,134	43,404	42,673	41,943	41,212	38,177	37,487	36,798	36,109	35,420	34,732	476,939
36														
37 RETURN REQUIREMENTS		65,045	63,991	62,933	61,873	60,814	59,754	55,493	54,490	53,488	52,487	51,486	50,485	692,339
38														
39 PROGRAM TOTAL		182,790	186,680	185,622	184,562	183,503	182,443	178,182	177,179	176,177	175,176	174,175	173,174	2,159,663
40														
41 RESIDENTIAL ENERGY MANAGEMENT - SMARTGRID SOFTWARE FOR ODS, LMS, APPDEV (D)														
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		156,851	15,263	70,128	0	0	0	0	0	0	0	0	0	242,243
45 CLOSINGS TO PLANT		11,288,866	15,263	70,128	0	0	0	0	0	0	0	0	0	
46 DEPRECIATION BASE		6,524,778	17,813,644	17,828,907	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	
47														
48 DEPRECIATION EXPENSE		102,396	296,900	297,154	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	3,381,357
49														
50 CUMM. NET INVEST	6,524,778	17,813,644	17,828,907	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,036	17,899,036
51 LESS: ACC. NET DEPR	2,777,222	2,879,618	3,176,518	3,473,672	3,771,995	4,070,318	4,368,641	4,666,964	4,965,287	5,263,610	5,561,933	5,860,256	6,158,579	6,158,579
52 Accum CWIP	11,132,015	0	0	0	0	0	0	0	0	0	0	0	0	0
53 NET INVESTMENT	14,879,571	14,934,026	14,652,389	14,425,363	14,127,040	13,828,717	13,530,394	13,232,071	12,933,748	12,635,425	12,337,102	12,038,779	11,740,456.65	11,740,457
54 AVERAGE INVESTMENT		14,906,798	14,793,208	14,538,876	14,276,202	13,977,879	13,679,556	13,381,233	13,082,910	12,784,587	12,486,264	12,187,941	11,889,618	
55 RETURN ON AVG INVEST		88,768	88,092	86,578	85,013	83,237	81,460	75,146	73,471	71,795	70,120	68,445	66,769	938,894
56														
57 RETURN REQUIREMENTS		129,272	127,728	125,532	123,263	120,688	118,111	109,230	106,795	104,359	101,925	99,490	97,054	1,363,447
58														
59 PROGRAM TOTAL		231,668	424,628	422,686	421,586	419,011	416,434	407,553	405,118	402,682	400,248	397,813	395,377	4,744,804

- Jan - Jun return on average investment is calculated using an annual rate of 7.15% based on May 2015 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
- Jul - Dec return on average investment is calculated using an annual rate of 6.74% based on May 2016 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

DUKE ENERGY FLORIDA, LLC

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2016 - DECEMBER 2016

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	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	175,024	175,024
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	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	22,453,500	
7														
8	DEPRECIATION EXPENSE	112,281	112,142	112,142	112,142	112,142	112,142	112,142	112,142	112,142	112,142	112,142	111,706	1,345,407
9														
10	CUMM. NET 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	22,365,988	22,365,988
11	LESS: ACC. NET DEPR	3,860,807	3,973,088	4,085,230	4,197,372	4,309,514	4,421,656	4,533,798	4,645,940	4,758,082	4,870,224	4,982,366	5,094,508	5,031,190
12	CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0
13	NET INVESTMENT	18,680,205	18,567,924	18,455,782	18,343,640	18,231,498	18,119,356	18,007,214	17,895,072	17,782,930	17,670,788	17,558,646	17,446,504	17,334,798
14	AVERAGE INVESTMENT		18,624,064	18,511,853	18,399,711	18,287,569	18,175,427	18,063,285	17,951,143	17,839,001	17,726,859	17,614,717	17,502,575	17,390,651
15	RETURN ON AVG INVEST		110,905	110,236	109,569	108,901	108,233	107,565	100,810	100,180	99,550	98,920	98,291	97,662
16														
17	RETURN REQUIREMENTS		160,779	159,835	158,868	157,899	156,931	155,962	146,535	145,619	144,703	143,788	142,873	141,959
18														
19	PROGRAM TOTAL		273,060	271,977	271,010	270,041	269,073	268,104	258,677	257,761	256,845	255,930	255,015	253,665
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	25,172	0	0	0	0	1,271	0	0	0	0	0	26,443
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	102,406	89,820	77,234	77,234	77,234	77,234	76,598	75,963	75,963	75,963	75,963	75,963	
27														
28	DEPRECIATION EXPENSE	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
29														
30	CUMM. NET INVEST	102,406	102,406	77,234	77,234	77,234	77,234	75,963	75,963	75,963	75,963	75,963	75,963	75,963
31	LESS: ACC. NET DEPR	76,415	78,122	54,447	55,734	57,021	58,308	59,595	59,600	60,866	62,132	63,398	64,664	65,930
32	CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0
33	NET 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
34	AVERAGE INVESTMENT		25,138	23,536	22,144	20,857	19,570	18,283	17,001	15,729	14,463	13,197	11,931	10,665
35	RETURN ON AVG INVEST		149	140	131	124	116	109	96	89	82	75	67	60
36														
37	RETURN REQUIREMENTS		216	203	190	180	168	158	139	129	119	109	97	87
38														
39	PROGRAM TOTAL		1,923	1,700	1,477	1,467	1,455	1,445	1,416	1,395	1,385	1,375	1,363	1,353

- Jan - Jun return on average investment is calculated using an annual rate of 7.15% based on May 2015 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
- Jul - Dec return on average investment is calculated using an annual rate of 6.74% based on May 2016 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

Program Description and Progress

Program Title: Home Energy Check Program

Program Description: The Home Energy Check Program is a residential energy audit program that provides 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 Duke Energy Florida, LLC (DEF) an opportunity to promote and directly install cost-effective measures in customer homes, and educate and encourage customers to implement energy-saving practices. The Home Energy Check Program is the foundation for other residential Demand Side Management Programs and offers the following types of energy audits:

- Type 1: Free Walk-Through (computer assisted)
- Type 2: Customer Online (Internet Option)
- Type 3: Customer Phone Assisted
- Type 4: Home Energy Rating (BERS/HERS) Audit

The Home Energy Check Program provides residential customers with energy efficiency tips and examples of easily installed energy efficiency measures. The program promotes continued customer involvement by demonstrating sustainable and measurable reductions in energy usage through the implementation of low cost energy efficiency measures and energy saving recommendations. Participants in the program may receive a residential Energy Efficiency Kit that contains energy saving measures that can be easily installed and utilized by the customer. Contents of this kit are evaluated periodically and may change over time.

Program Accomplishments - January 2016 - December 2016:
32,172 customers participated in the Home Energy Check Program.

Program Fiscal Expenditures - January 2016 - December 2016:
Expenses for this program were \$4,803,430.

Program Progress Summary:

874,546 participants have participated in the Home Energy Check Program since inception. DEF will continue to use this program to inform customers about cost-effective energy efficiency measures they can implement and incentives on home energy improvements for which they may be eligible.

Program Description and Progress

Program Title: Residential Incentive Program

Program Description: The Residential Incentive Program provides incentives to customers for energy efficiency improvements for both existing and new homes. The Residential Incentive Program includes incentives for measures such as duct testing, duct 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 Accomplishments - January 2016 - December 2016:

33,128 measures were implemented through this program resulting in a savings of 9.5 Summer MW's, 17.7 Winter MW's and 14.7 GWH's.

Program Fiscal Expenditures - January 2016 - December 2016:

Expenses for this program were \$8,849,722.

Program Progress Summary:

988,335 measures have been implemented through this program. This program will continue to be offered to residential customers to provide opportunities for improving the energy efficiency of existing and new homes.

Program Description and Progress

Program Title: Neighborhood Energy Saver Program

Program Description: DEF's Neighborhood Energy Saver program is designed to provide energy saving education and assistance to low income customers. This program targets neighborhoods that meet certain income eligibility requirements. DEF installs energy saving measures in approximately 4,500 homes and provides home energy reports to approximately 15,000 customers annually through this program. These home energy reports provide information about energy efficiency and remind customers about low cost energy saving measures.

Program Accomplishments - January 2016 - December, 2016:

39,626 energy efficiency measures were installed on 4,752 homes and 15,034 customers received home energy reports.

Program Fiscal Expenditures - January 2016 - December, 2016:

Expenses for this program were \$2,364,563.

Program Progress Summary:

Since program inception, DEF has installed energy efficiency measures in 28,863 homes and 15,034 customers received home energy reports through year-end 2016.

Program Description and Progress

Program Title: Low-Income Weatherization Assistance Program

Program Description: The Low-Income Weatherization Assistance Program (LIWAP) is designed to integrate DEF's DSM program measures with assistance provided by the Florida Department of Economic Opportunity (DEO) and local weatherization providers to deliver energy efficiency measures to income eligible families. Through this partnership, DEF assists local weatherization agencies by providing energy education materials and financial incentives to weatherize the homes of low-income families.

Program Accomplishments - January 2016 - December 2016:

1,808 weatherization measures were installed on 392 residential homes.

Program Fiscal Expenditures - January 2016 - December 2016:

Expenses for this program were \$292,931.

Program Progress Summary:

23,146 measures have been implemented through this program. DEF participates in local, state-wide and national agency meetings to promote the delivery of this program. Meetings with weatherization and other low income agencies are conducted throughout DEF's territory to encourage customer participation in energy efficiency programs. This program was recently modified to align the eligibility with that of agencies who provide weatherization services. This change is intended to expand the network of agencies that DEF can partner with.

Program Description and Progress

Program Title: Residential/Commercial Energy Management Program

Program Description: The Residential/Commercial Energy Management Program is a voluntary demand response program that provides monthly bill credits to customers who allow DEF to reduce peak demand by controlling service to selected electric equipment through various devices and communication options installed on the customer's premises. These interruptions are at DEF's option, during specified time periods, and generally coincident with hours of peak demand. Residential customers must have a minimum average monthly usage of 600 kwh's to be eligible to participate in this program.

Program Accomplishments - January 2016 - December 2016:

8,634 residential customers were added to the program in 2016. The commercial program has been closed to new participants since July 2000.

Program Fiscal Expenditures - January 2016 - December 2016:

Expenses for the residential program were \$43,213,106. Expenses for the commercial program were \$539,060.

Program Progress Summary:

There were 424,403 residential participants and 63 commercial participants at year-end 2016.

Program Description and Progress

Program Title: Business Energy Check Program

Program Description: The Business Energy Check Program is a commercial energy audit program that provides commercial customers with an analysis of their energy usage and information about energy-saving practices and cost-effective measures that they can implement at their facilities. The Business Energy Check Program serves as the foundation for the Better Business Program.

Program Accomplishments - January 2016 - December 2016:

699 commercial energy audits were completed in 2016.

Program Fiscal Expenditures - January 2016 - December 2016:

Expenses for this program were \$483,840.

Program Progress Summary:

41,657 non-residential customers have participated in the Business Energy Check Program since inception. This program continues to educate and inform commercial customers about cost-effective energy efficiency improvements.

Program Description and Progress

Program Title: Better Business Program

Program Description: This umbrella efficiency program provides incentives to existing commercial, industrial and governmental customers for heating, air conditioning, ceiling and roof insulation upgrades, duct leakage and repair, demand-control ventilation, cool roof coating, high efficiency energy recovery ventilation and HVAC optimization qualifying measures.

Program Accomplishments - January 2016 - December 2016:

Incentives were provided to customers for 760 commercial energy efficiency measures through this program in 2016.

Program Fiscal Expenditures - January 2016 - December 2016:

Expenses for this program were \$2,757,101.

Program Progress Summary:

Incentives have been provided to customers for 20,329 commercial energy efficiency measures through this program since inception.

Program Description and Progress

Program Title: Florida Custom Incentive Program

Program Description: The Florida Custom Incentive Program is designed to encourage commercial and industrial customers to make capital investments for energy efficiency measures which reduce peak demand and provide energy savings. This program provides incentives for individual custom projects which are cost effective, but not otherwise addressed through DEF's prescriptive incentive programs. 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 Accomplishments - January 2016 - December 2016:

4 customers participated in the program in 2016 resulting in a savings of 61 SMW's, 17 WMW's and .10 GWH's.

Program Fiscal Expenditures - January 2016 - December 2016:

Expenses for this program were \$160,703.

Program Progress Summary:

213 projects have received incentives through this program since inception. This program continues to target customer specific energy efficiency measures not covered through DEF's prescriptive commercial programs.

Program Description and Progress

Program Title: Standby Generation

Program Description: The Standby Generation Program is a demand control program that allows DEF to reduce system demand by dispatching the customer's stand-by generator. This is a voluntary program available to commercial and industrial customers who have on-site generation capability.

Program Accomplishments - January 2016 - December 2016:

Due to changes in environmental requirements, the Emergency Standby Program was closed in 2016. DEF added 147 customers who provided documentation that their generator was compliant with the new environmental requirements of the Non-Emergency Program.

Program Fiscal Expenditures - January 2016 - December 2016:

Expenses for this program were \$6,554,460.

Program Progress Summary:

There were 147 participants at year-end 2016 providing 75.6 MW's of load control.

Program Description and Progress

Program Title: Interruptible Service Program

Program Description: The Interruptible Service Program is a direct load control program that reduces DEF's system demand at times of capacity shortage during peak or emergency conditions.

Program Accomplishments - January 2016 - December 2016:

1 account was added to the program.

Program Fiscal Expenditures - January 2016 - December 2016:

Expenses for this program were \$30,839,712.

Program Progress Summary:

73 customers currently participate in this program providing 314 winter MW's and 334 summer MW's of load control.

Program Description and Progress

Program Title: Curtailable Service Program

Program Description: The Curtailable Service Program is an indirect load control program that reduces DEF's system demand at times of capacity shortage during peak or emergency conditions.

Program Accomplishments - January 2016 - December 2016:

No accounts were added to this program.

Program Fiscal Expenditures - January 2016 - December 2016:

Expenses for this program were \$2,189,456.

Program Progress Summary:

There were 2 customers and 4 accounts participating in this program in 2016 providing 8.2 MWs of load control.

Program Description and Progress

Program Title: Solar Water Heating with Energy Management Program

Program Description: This program provided residential customers who installed a solar thermal water heating system and signed up to participate in the Residential Energy Management Program with a \$550 one-time upfront incentive. The program also required that the customer's heating, air conditioning and water heating systems be on the Residential Energy Management Program for a minimum of three years. Customers who participated in this program are eligible to receive 25% of the otherwise applicable residential load management credits for the life of their account. Customers who withdraw from the load management program prior to meeting the 3 year commitment are required to reimburse DEF for portion of the solar thermal water heating incentive. This program was closed to new participants at year-end 2015.

Program Accomplishments - January, 2016 - December, 2016:

No accounts were added to this program.

Program Fiscal Expenditures - January, 2016 - December, 2016:

Credits to this program of \$3,905 represent reimbursements from customers who withdrew from the Residential Energy Management Program prior to fulfilling the minimum three year commitment.

Program Progress Summary:

This program was implemented in 2011. This program was closed to new participants at year-end 2015.

Program Description and Progress

Program Title: Residential Solar Photovoltaic Pilot

Program Description: This pilot program provided incentives to residential customers to install new solar photovoltaic (PV) systems on their home. The pilot program included an annual reservation process for pre-approval to ensure incentive funds were available to participants. Participants were eligible to receive a rebate of \$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 continued to be offered in DEF's service territory through 2016.

Program Accomplishments - January, 2016 - December, 2016:

No accounts were added to this program.

Program Fiscal Expenditures - January, 2016 - December, 2016:

Credits to this program of \$33,123 represent the reversal of a prior year accrual.

Program Progress Summary:

This pilot program was implemented in 2011 along with an online application process. This program ended at year-end 2015.

Program Description and Progress

Program Title: Photovoltaic for Schools Pilot

Program Description: This pilot program was part of DEF's Demand-Side Renewable Portfolio and was 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 was 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 serving as emergency shelters. This pilot program was implemented in 2011 and continued to be offered in DEF's service territory through 2016.

Program Accomplishments - January, 2016 - December, 2016:

6 installations that had been started in 2015 were completed in February 2016.

Program Fiscal Expenditures - January, 2016 - December, 2016:

Expenses for this program were \$19,982. These costs were incurred to complete projects that were started in the prior year.

Program Progress Summary:

This pilot program was implemented in 2011. Since inception PV systems were installed on 38 K-12 schools and 5 post-secondary public schools. This program ended at year-end 2015.

Program Description and Progress

Program Title: Technology Development

Program Description: The Technology Development Program is designed to allow DEF to investigate technologies that support the development of new demand response and energy efficiency programs. This program includes, but is not limited to, technological research, field demonstration projects, research on load behavior and demand-side management measures and other market related research.

Program Accomplishments - January 2016 - December 2016:

Several research and development projects continued and/or launched in 2016.

- Continued a project for appliance energy efficiency and demand response using the CTA-2045 modular communications interface including field pilot projects for CTA-2045-enabled retrofit water heater switches, resistance and heat-pump water heaters, pool pumps, and HVAC thermostats.
- Continued to collaborate 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.
- Continued 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
- Continued data collection to document solar resource on distribution feeders associated with our solar PV monitoring project.
- Participated in a EPRI project to study the potential of using customer demand response to provide benefits to compensate for variable loads and intermittent renewable generation resources.
- Continued a project to improve the efficacy of commercial energy audits through analysis of available customer data to identify candidates that are likely to benefit from energy efficiency measures.
- Began a field pilot test of Energy Management Circuit Breakers that have the potential to improve energy efficiency and provide demand response capabilities for customer appliances.
- Partnered with EPRI and other research organizations to evaluate energy efficiency, energy storage, and alternative energy / innovative technologies.

Program Fiscal Expenditures - January 2016 - December 2016:

Expenses for this program were \$272,184.

Program Progress Summary:

DEF continued to focus on researching and testing new technologies which have the potential to provide new programs and create new customer offerings.

Program Description and Progress

Program Title: Qualifying Facility

Program Description: The purpose of this program is to meet the objectives and obligations established by Section 366.051, Florida Statutes, and the Commission's rules contained within Chapter 25-17, Florida Administrative Code, regarding the purchase of as-available energy and firm energy and capacity from Qualifying Facilities (QFs), including those that utilize renewable sources as defined in Section 366.91, Florida Statutes, pursuant to an as-available tariff, standard offer contract, or negotiated contracts.

Under the QF program, DEF facilitates and administers the power purchases from qualifying facilities and state jurisdictional interconnections. This Program develops standard offer contracts, negotiates, enters into, amends and restructures non-firm energy, and firm energy and capacity contracts entered into with qualifying cogeneration, small power producers, and renewable facilities.

Program Accomplishments - January, 2016 - December, 2016:

Avoided cost and interconnection service activity with renewable and distributed resource (DR) developers steadily increased in 2016. DEF provided QF, renewable, or DR related information to several interested parties who are exploring distributed generation options in Florida. Numerous calls and meetings were held with parties interested in the advancement of these distributed resource technologies, their markets and pricing changes. DEF continued developing its analytics and business processes that are required to support good faith QF purchased power negotiations and interconnection service.

Meetings were held with current QFs to discuss extending existing purchase agreements. The contracts under development are monitored for construction milestones, financing status, permitting, transmission studies and agreements, insurance and performance security.

DEF successfully administered all existing QF purchased power contracts that are in-service for contractual compliance and added one additional QF on the non-firm as-available Tariff. The state jurisdictional QF interconnection activity was managed by adding 658 MW's of pre-application interconnection requests and 135 MW's of interconnection studies to the state queue throughout 2016. The QF purchased power contracts produced more than 3.0 Million mWh's for DEF customers during 2016.

Program Fiscal Expenditures - January, 2016 - December, 2016:

Expenses for this program were \$1,093,311.

Program Progress Summary:

As of December 31, 2016, DEF administered total firm capacity contracts from in-service QFs of approximately 511 MW's and seven As-Available energy contracts with active delivery to DEF; There are 60 MW's of firm capacity and a placeholder of 250 MW of As-Available energy contracts under development for future service. In addition, as of December 31, 2016, there were a total of 968 MW's of potential QF pre-application requests for state jurisdictional interconnection service, a total of 163 MW's of potential QF state jurisdictional interconnection requests in process, and a total of 1,592 MW's of potential QF FERC jurisdictional interconnection requests in the FERC interconnection queue under study.

**Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Capital Structure and Cost Rates
January 2016 - December 2016**

FPSC Docket No. 170002-EG
Duke Energy Florida, LLC
Witness: Lori J. Cross
Exhibit No. ___(LJC-1T)
Schedule CT-6
Page 1 of 1
April 27, 2017

Class of Capital	Retail Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	\$4,681,853	48.76%	0.10500	5.120%	8.335%
PS	0	0.00%	0.00000	0.000%	0.000%
LTD	3,672,596	38.25%	0.05187	1.984%	1.984%
STD	(90,568)	-0.94%	0.00170	-0.002%	-0.002%
CD-Active	182,163	1.90%	0.02306	0.044%	0.044%
CD-Inactive	1,306	0.01%	0.00000	0.000%	0.000%
ADIT	1,318,615	13.73%	0.00000	0.000%	0.000%
FAS 109	(164,391)	-1.71%	0.00000	0.000%	0.000%
ITC	498	0.01%	0.00000	0.000%	0.000%
Total	\$9,602,073	100.00%		7.146%	10.361%
			Total Debt	2.03%	2.026%
			Total Equity	5.12%	8.335%

May 2015 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Dockets 120001-EI, 120002-EI & 120007-EI.

Class of Capital	Retail Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	\$4,664,905	46.35%	0.10500	4.867%	7.924%
PS	0	0.00%	0.00000	0.000%	0.000%
LTD	3,327,189	33.06%	0.05470	1.809%	1.809%
STD	373,704	3.71%	0.00580	0.022%	0.022%
CD-Active	182,948	1.82%	0.02300	0.042%	0.042%
CD-Inactive	1,367	0.01%	0.00000	0.000%	0.000%
ADIT	223	0.00%	0.00000	0.000%	0.000%
FAS 109	(161,369)	-1.60%	0.00000	0.000%	0.000%
ITC	1,674,675	16.64%	0.00000	0.000%	0.000%
Total	\$10,063,642	100.00%		6.739%	9.796%
			Total Debt	1.87%	1.872%
			Total Equity	4.87%	7.924%

May 2016 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Dockets 120001-EI, 120002-EI & 120007-EI.

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Calculation of Energy & Demand Allocation % by Rate Class
January 2018 - December 2018

Rate Class	(1) Average 12CP Load Factor at Meter (%)	(2) Sales at Meter (mWh)	(3) Avg 12 CP at Meter (MW) (2)/(8760hrs(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)/(8760hrs)	(8) mWh Sales at Source Energy Allocator (%)	(9) 12 CP Demand Allocator (%)	(10) 12CP & 1/13 AD Demand Allocator (%)
<u>Residential</u>										
RS-1, RST-1, RSL-1, RSL-2, RSS-1 Secondary	0.518	19,998,223	4,407.79	0.9373898	21,333,945	4,702.20	2,435.38	51.864%	61.806%	61.041%
<u>General Service Non-Demand</u>										
GS-1, GST-1										
Secondary	0.682	1,915,364	320.78	0.9373898	2,043,295	342.21	233.25	4.967%	4.498%	4.534%
Primary	0.682	20,645	3.46	0.9737076	21,202	3.55	2.42	0.052%	0.047%	0.047%
Transmission	0.682	2,481	0.42	0.9837076	2,522	0.42	0.29	0.006%	0.006%	0.006%
								5.025%	4.550%	4.587%
<u>General Service</u>										
GS-2 Secondary	1.000	173,218	19.77	0.9373898	184,787	21.09	21.09	0.449%	0.277%	0.290%
<u>General Service Demand</u>										
GSD-1, GSDT-1										
Secondary	0.749	11,851,002	1,806.96	0.9373898	12,642,554	1,927.65	1,443.21	30.735%	25.337%	25.752%
Primary	0.749	2,207,627	336.60	0.9737076	2,267,238	345.69	258.82	5.512%	4.544%	4.618%
Transmission	0.749	0	0.00	0.9837076	0	0.00	0.00	0.000%	0.000%	0.000%
SS-1 Primary	1.166	39,299	3.85	0.9737076	40,360	3.95	4.61	0.098%	0.052%	0.056%
Transm Del/ Transm Mtr	1.166	7,627	0.75	0.9837076	7,753	0.76	0.89	0.019%	0.010%	0.011%
Transm Del/ Primary Mtr	1.166	2,139	0.21	0.9737076	2,197	0.22	0.25	0.005%	0.003%	0.003%
								36.369%	29.946%	30.440%
<u>Curtable</u>										
CS-1, CST-1, CS-2, CST-2										
Secondary	1.305	0	0.00	0.9373898	0	0.00	0.00	0.000%	0.000%	0.000%
Primary	1.305	71,149	6.22	0.9737076	73,070	6.39	8.34	0.178%	0.084%	0.091%
SS-3 Primary	0.583	55,813	10.93	0.9737076	57,320	11.23	6.54	0.139%	0.148%	0.147%
								0.317%	0.232%	0.238%
<u>Interrupt ble</u>										
IS-1, IST-1, IS-2, IST-2										
Secondary	1.009	88,807	10.04	0.9373898	94,739	10.71	10.81	0.230%	0.141%	0.148%
Sec Del/Primary Mtr	1.009	4,677	0.53	0.9737076	4,803	0.54	0.55	0.012%	0.007%	0.007%
Primary Del / Primary Mtr	1.009	1,263,456	142.88	0.9737076	1,297,572	146.74	148.12	3.154%	1.929%	2.023%
Primary Del / Transm Mtr	1.009	265	0.03	0.9837076	269	0.03	0.03	0.001%	0.000%	0.000%
Transm Del/ Transm Mtr	1.009	313,757	35.48	0.9837076	318,954	36.07	36.41	0.775%	0.474%	0.497%
Transm Del/ Primary Mtr	1.009	222,565	25.17	0.9737076	228,575	25.85	26.09	0.556%	0.340%	0.356%
SS-2 Primary	0.870	8,991	1.18	0.9737076	9,234	1.21	1.05	0.022%	0.016%	0.016%
Transm Del/ Transm Mtr	0.870	6,821	0.90	0.9837076	6,934	0.91	0.79	0.017%	0.012%	0.012%
Transm Del/ Primary Mtr	0.870	90,375	11.86	0.9737076	92,815	12.18	10.60	0.226%	0.160%	0.165%
								4.993%	3.079%	3.226%
<u>Lighting</u>										
LS-1 (Secondary)	5.506	378,883	7.86	0.9373898	404,190	8.38	46.14	0.983%	0.110%	0.177%
		38,723,184	7,153.67		41,134,330	7,607.99	4,695.70	100.000%	100.000%	100.000%

Notes:

- | | |
|--|---|
| (1) Average 12CP load factor based on load research study filed July 31, 2015 (Rule 25-6-0437 (7)) | (6) Column 3 / Column 4 |
| (2) Projected kWh sales for the period January 2018 to December 2018 | (7) Column 5 / 8,760 hours |
| (3) Calculated: Column 2 / (8,760 hours x Column 1) | (8) Column 5/ Total Column 5 |
| (4) Based on system average line loss analysis for 2016 | (9) Column 6/ Total Column 6 |
| (5) Column 2 / Column 4 | (10) Column 8 x 1/13 + Column 9 x 12/13 |

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Calculation of Energy Conservation Cost Recovery Rate Factors by Rate Class
January 2018 - December 2018

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	51.864%	61.041%	\$ 13,597,639	\$ 52,001,744	\$ 65,599,383	19,998,223				0.328
General Service Non-Demand										
GS-1, GST-1										
Secondary						1,915,364				0.270
Primary						20,439				0.267
Transmission						2,431				0.265
TOTAL GS	5.025%	4.587%	\$ 1,317,458	\$ 3,907,505	\$ 5,224,964	1,938,234				
General Service										
GS-2 Secondary	0.449%	0.290%	\$ 117,778	\$ 247,476	\$ 365,254	173,218				0.211
General Service Demand										
GSD-1, GSDT-1, SS-1*										
Secondary						11,851,002			1.01	
Primary						2,226,574			1.00	
Transmission						7,474			0.99	
TOTAL GSD	36.369%	30.440%	\$ 9,535,137	\$ 25,932,013	\$ 35,467,150	14,085,051	55.00%	35,081,072		
Curtable										
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3*										
Secondary						0			0.68	
Primary						125,692			0.67	
Transmission						-			0.67	
TOTAL CS	0.317%	0.238%	\$ 83,107	\$ 202,899	\$ 286,006	125,692	40.90%	420,981		
Interruptible										
IS-1, IST-1, IS-2, IST-2, SS-2*										
Secondary						88,807			0.83	
Primary						1,574,163			0.82	
Transmission						314,426			0.81	
TOTAL IS	4.993%	3.226%	\$ 1,309,093	\$ 2,748,487	\$ 4,057,581	1,977,397	55.40%	4,889,463		
Lighting										
LS-1 Secondary	0.983%	0.177%	\$ 257,619	\$ 151,010	\$ 408,629	378,883				0.108
	100.000%	100.000%	\$ 26,217,831	\$ 85,191,134	\$ 111,408,966	38,676,697				0.288

Notes:

- | | |
|--|--|
| (1) From Schedule C-1 1P, Column 8 | (6) kWh sales at effective secondary voltage |
| (2) From Schedule C-1 1P, Column 10 | (7) Class Billing kW Load Factor |
| (3) Column 1 x Total Energy Dollars, C-2 Page 1, line 20 | (8) Column 6 x 1000 / 8,760 / Column 7 x 12 |
| (4) Column 2 x Total Demand Dollars, C-2 Page 1, line 21 | (9) Column 5 / Column 8 (x voltage factor if applicable) |
| (5) Column 3 + Column 4 | (10) Column 5 / Column 6 / 10 |

Calculation of Standby Service kW Charges			
	ECCR Cost	Effective kW	\$/kW
Total GSD, CS, IS	\$39,810,737	40,391,517	0.99
SS-1, 2, 3 - \$/kW-mo			
	Secondary	Primary	Transmission
Monthly - \$0.99/kW * 10%	0.099	0.098	0.097
Daily - \$0.99/kW / 21	0.047	0.047	0.046

**Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Estimated Conservation Program Costs
January 2018 - December 2018**

**FPSC Docket No. 20170002-EG
Duke Energy Florida, LLC
Witness: Lori J. Cross
Exhibit No. ____ (LJC-1P)
Schedule C-2
Page 1 of 7**

Line No.	Program Demand (D) or Energy (E)	12 Month Total
1	Home Energy Check (E)	\$5,386,225
2	Residential Incentive Program (E)	6,811,611
3	Business Energy Check (E)	949,909
4	Better Business (E)	3,396,413
5	Technology Development (E)	800,000
6	Florida Custom Incentive (Innovation Incentive) (E)	585,774
7	Interruptible Service (D)	33,139,086
8	Curtable Service (D)	1,981,688
9	Energy Management (Residential & Commercial) (D)	47,214,745
10	Low Income Weatherization Assistance Program (E)	366,079
11	Standby Generation (D)	4,725,294
12	Qualifying Facility (E)	1,254,868
13	Neighborhood Energy Saver (E)	3,324,211
14	Conservation Program Admin (E)	4,064,877
15	Conservation Program Admin (D)	451,653
16	Total ECCR Program Costs	<u><u>\$114,452,432</u></u>

17	12 Months	2017 End of Period Net True-Up (Over)/Under Recovery	Revenue Expansion Factor	Total Recoverable Costs
18	Total			
19	Demand & Energy Summary			
20	Energy	\$26,939,967	1.000318	\$26,217,831
21	Demand	87,512,465	1.000318	85,191,134
22	Total Demand & Energy Costs	<u><u>\$114,452,432</u></u>		<u><u>\$111,408,966</u></u>

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Estimated Conservation Program Costs
January 2018 - December 2018

Line No.	Program Demand (D) or Energy (E)	Est Jan-18	Est Feb-18	Est Mar-18	Est Apr-18	Est May-18	Est Jun-18	Est Jul-18	Est Aug-18	Est Sep-18	Est Oct-18	Est Nov-18	Est Dec-18	Total
1	Home Energy Check (E)	\$430,152	\$435,232	\$485,225	\$435,751	\$436,547	\$437,724	\$487,715	\$437,707	\$436,549	\$434,333	\$431,060	\$498,230	\$5,386,225
2	Residential Incentive Program (E)	562,024	560,024	581,330	560,830	560,330	581,330	561,330	566,308	581,330	561,330	560,330	575,115	6,811,611
3	Business Energy Check (E)	69,544	121,050	71,037	70,465	99,864	69,861	69,857	69,853	69,851	69,847	69,842	98,841	949,909
4	Better Business (E)	365,118	390,118	265,118	340,118	265,118	280,118	265,118	315,118	205,118	170,118	290,118	245,118	3,396,413
5	Technology Development (E)	66,667	66,667	66,667	66,667	66,667	66,667	66,667	66,667	66,667	66,667	66,667	66,667	800,000
6	Florida Custom Incentive Program (E)	48,815	48,815	48,815	48,815	48,815	48,815	48,815	48,815	48,815	48,815	48,815	48,815	585,774
7	Interruptible Service (D)	2,687,322	2,694,915	2,702,502	2,710,085	2,724,406	2,731,982	2,746,296	2,760,605	2,781,654	2,816,183	2,864,194	2,918,942	33,139,086
8	Curtailable Service (D)	165,141	165,141	165,141	165,141	165,141	165,141	165,141	165,141	165,141	165,141	165,141	165,141	1,981,688
9	Energy Management (Residential & Commercial) (D)	3,874,664	3,889,332	3,904,013	3,918,624	3,933,191	3,947,582	3,961,525	3,975,903	3,989,862	3,957,632	3,924,874	3,937,540	47,214,745
10	Low Income Weatherization Assistance Program (E)	34,798	28,298	34,798	27,798	30,798	32,798	27,798	32,798	31,798	27,798	28,798	27,798	366,079
11	Standby Generation (D)	392,634	392,930	392,860	392,792	393,089	394,584	393,677	393,970	394,259	394,547	394,833	395,119	4,725,294
12	Qualifying Facility (E)	104,572	104,572	104,572	104,572	104,572	104,572	104,572	104,572	104,572	104,572	104,572	104,572	1,254,868
13	Neighborhood Energy Saver (E)	209,125	235,597	299,041	295,541	299,041	295,541	329,012	325,512	295,541	299,041	235,597	205,625	3,324,211
14	Conservation Program Admin (E)	312,490	312,490	391,240	312,490	312,490	391,240	312,490	312,490	391,240	312,490	312,490	391,240	4,064,877
15	Conservation Program Admin (D)	34,721	34,721	43,471	34,721	34,721	43,471	34,721	34,721	43,471	34,721	34,721	43,471	451,653
16	Total ECCR Program Costs	\$9,357,786	\$9,479,901	\$9,555,829	\$9,484,409	\$9,474,789	\$9,591,424	\$9,574,733	\$9,610,179	\$9,605,867	\$9,463,233	\$9,532,051	\$9,722,232	\$114,452,432
17	Demand & Energy Summary													
18	Energy	\$2,203,304	\$2,302,862	\$2,347,842	\$2,263,046	\$2,224,240	\$2,308,664	\$2,273,373	\$2,279,839	\$2,231,480	\$2,095,009	\$2,148,288	\$2,262,019	\$26,939,967
19	Demand	7,154,482	7,177,039	7,207,987	7,221,363	7,250,548	7,282,760	7,301,360	7,330,340	7,374,387	7,368,224	7,383,763	7,460,213	87,512,465
20	Total Demand & Energy Costs	\$9,357,786	\$9,479,901	\$9,555,829	\$9,484,409	\$9,474,789	\$9,591,424	\$9,574,733	\$9,610,179	\$9,605,867	\$9,463,233	\$9,532,051	\$9,722,232	\$114,452,432

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Estimated Conservation Program Costs
January 2018 - December 2018

FPSC Docket No. 20170002-EG
Duke Energy Florida, LLC
Witness: Lori J. Cross
Exhibit No. ____ (LJC-1P)
Schedule C-2
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Line No.	Program Demand (D) or Energy (E)	Depreciation, Amortization & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues (Credits)	Total
1	Home Energy Check (E)	\$15,574	\$2,498,450	\$204,098	\$616,900	\$1,296,976	\$574,117	\$119,929	\$60,181	\$0	\$5,386,225
2	Residential Incentive Program (E)	0	2,445,860	111,969	165,019	712,636	3,224,331	85,053	66,743	0	6,811,611
3	Business Energy Check (E)	10,829	386,150	10,738	384,264	70,707	60,000	23,125	4,096	0	949,909
4	Better Business (E)	0	1,087,377	13,482	135,370	113,440	1,975,000	25,061	46,683	0	3,396,413
5	Technology Development (E)	0	211,796	200,000	363,204	0	0	5,000	20,000	0	800,000
6	Florida Custom Incentive Program (E)	0	121,233	0	103,072	20,000	325,000	575	15,894	0	585,774
7	Interruptible Service (D)	73,328	207,761	0	0	0	32,838,271	15,284	4,442	0	33,139,086
8	Curtaillable Service (D)	0	43,700	0	0	0	1,937,988	0	0	0	1,981,688
9	Energy Management (Residential & Commercial) (D)	16,620,814	1,859,978	10,552	3,044,217	860,846	24,725,044	33,056	60,238	0	47,214,745
10	Low Income Weatherization Assistance Program (E)	0	120,282	0	0	32,500	196,750	1,500	15,047	0	366,079
11	Standby Generation (D)	59,574	319,933	0	1,200	0	4,327,030	8,016	9,541	0	4,725,294
12	Qualifying Facility (E)	0	1,099,669	6,500	102,799	0	0	5,900	40,000	0	1,254,868
13	Neighborhood Energy Saver (E)	0	197,033	0	296,837	77,617	2,735,860	1,500	15,364	0	3,324,211
14	Conservation Program Admin (E)	0	2,588,739	34,705	1,005,239	0	0	9,000	427,194	0	4,064,877
15	Conservation Program Admin (D)	0	287,638	3,856	111,693	0	0	1,000	47,466	0	451,653
16	Total ECCR Program Costs	\$16,780,119	\$13,475,599	\$595,899	\$6,329,814	\$3,184,721	\$72,919,391	\$333,999	\$832,889	\$0	\$114,452,432
17	Demand & Energy Summary										
18	Energy	\$26,403	\$10,756,590	\$581,491	\$3,172,704	\$2,323,875	\$9,091,058	\$276,643	\$711,203	\$0	\$26,939,967
19	Demand	16,753,716	2,719,010	14,408	3,157,110	860,846	63,828,333	57,356	121,686	0	87,512,465
20	Total Demand & Energy Costs	\$16,780,119	\$13,475,599	\$595,899	\$6,329,814	\$3,184,721	\$72,919,391	\$333,999	\$832,889	\$0	\$114,452,432

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Schedule of Capital Investment, Depreciation & Return
January 2018 - December 2018

FPSC Docket No. 20170002-EG
Duke Energy Florida, LLC
Witness: Lori J. Cross
Exhibit No. (LJC-1P)
Schedule C-2
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Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Est Jan-18	Est Feb-18	Est Mar-18	Est Apr-18	Est May-18	Est Jun-18	Est Jul-18	Est Aug-18	Est Sep-18	Est Oct-18	Est Nov-18	Est Dec-18	Total
1	Home Energy Check (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	0	0
4	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	
5															
6	Depreciation Expense		982	982	982	982	982	982	982	982	982	982	982	982	11,784
7															
8	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
9	Less: Accumulated Depreciation	37,330	38,312	39,294	40,276	41,258	42,240	43,222	44,204	45,186	46,168	47,150	48,132	49,114	49,114
10	Net Investment	45,132	44,150	43,168	42,186	41,204	40,222	39,240	38,258	37,276	36,294	35,312	34,330	33,348	33,348
11	Average Investment		44,641	43,659	42,677	41,695	40,713	39,731	38,749	37,767	36,785	35,803	34,821	33,839	
12	Return on Average Investment		250	244	239	233	227	223	217	211	206	200	195	189	2,634
13															
14	Return Requirements		360	351	344	335	327	321	312	304	296	288	280	272	3,790
15															
16	Program Total		\$1,342	\$1,333	\$1,326	\$1,317	\$1,309	\$1,303	\$1,294	\$1,286	\$1,278	\$1,270	\$1,262	\$1,254	\$15,574
17	Business Energy Check (E)														
18	Investments		\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
19	Retirements		0	0	0	0	69,415	0	0	0	0	0	0	0	69,415
20	Depreciation Base		69,415	94,415	94,415	94,415	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	
21															
22	Depreciation Expense		1,157	1,574	1,574	1,013	417	417	417	417	417	417	417	417	8,654
23															
24	Cumulative Investment	69,415	94,415	94,415	94,415	94,415	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
25	Less: Accumulated Depreciation	65,348	66,505	68,079	69,653	70,666	1,668	2,085	2,502	2,919	3,336	3,753	4,170	4,587	4,587
26	Net Investment	4,067	27,910	26,336	24,762	23,749	23,332	22,915	22,498	22,081	21,664	21,247	20,830	20,413	20,413
27	Average Investment		15,988	27,123	25,549	24,255	23,540	23,123	22,706	22,289	21,872	21,455	21,038	20,621	
28	Return on Average Investment		90	152	143	136	132	130	127	124	123	120	117	116	1,510
29															
30	Return Requirements		130	219	206	196	190	187	183	179	177	173	168	167	2,175
31															
32	Program Total		\$1,287	\$1,793	\$1,780	\$1,209	\$607	\$604	\$600	\$596	\$594	\$590	\$585	\$584	\$10,829
33	Interruptible Service (D)														
34	Investments		\$34,833	\$34,833	\$34,833	\$34,833	\$34,833	\$34,833	\$34,833	\$34,833	\$34,833	\$34,833	\$34,833	\$34,833	\$417,996
35	Retirements		0	0	165	0	0	0	0	0	0	0	0	0	165
36	Depreciation Base		63,838	98,671	133,422	168,172	203,005	237,838	272,671	307,504	342,337	377,170	412,003	446,836	
37															
38	Depreciation Expense		1,064	1,645	2,224	2,803	3,383	3,964	4,545	5,125	5,706	6,286	6,867	7,447	51,059
39															
40	Cumulative Investment	63,838	98,671	133,504	168,172	203,005	237,838	272,671	307,504	342,337	377,170	412,003	446,836	481,669	481,669
41	Less: Accumulated Depreciation	23,758	24,822	26,467	28,525	31,328	34,711	38,675	43,220	48,345	54,051	60,337	67,204	74,651	74,651
42	Net Investment	40,080	73,849	107,037	139,646	171,676	203,126	233,995	264,283	293,991	323,118	351,665	379,631	407,017	407,017
43	Average Investment		56,965	90,443	123,342	155,661	187,401	218,561	249,139	279,137	308,555	337,392	365,648	393,324	
44	Return on Average Investment		319	506	690	871	1,048	1,222	1,394	1,562	1,727	1,888	2,046	2,200	15,473
45															
46	Return Requirements		459	728	993	1,253	1,508	1,759	2,006	2,248	2,486	2,718	2,945	3,166	22,269
47															
48	Program Total		\$1,523	\$2,373	\$3,217	\$4,056	\$4,891	\$5,723	\$6,551	\$7,373	\$8,192	\$9,004	\$9,812	\$10,613	\$73,328

Notes:

- Return on average investment is calculated using an annual rate of 6.71% based on May 2017 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 20120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

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1	Standby Generation (D)														
2	Investments		\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$156,000
3	Retirements		0	0	43,836	0	0	0	0	0	0	0	0	0	43,836
4	Depreciation Base		181,375	194,375	185,456	176,538	189,538	202,538	215,538	228,538	241,538	254,538	267,538	280,538	
5															
6	Depreciation Expense		3,023	3,240	3,091	2,942	3,159	3,376	3,592	3,809	4,026	4,242	4,459	4,676	43,635
7															
8	Cumulative Investment	181,375	194,375	207,375	176,538	189,538	202,538	215,538	228,538	241,538	254,538	267,538	280,538	293,538	293,538
9	Less: Accumulated Depreciation	74,512	77,535	80,775	40,030	42,972	46,131	49,507	53,099	56,908	60,934	65,176	69,635	74,311	74,311
10	Net Investment	106,862	116,839	126,599	136,508	146,566	156,407	166,031	175,439	184,630	193,604	202,362	210,903	219,227	219,227
11	Average Investment		111,851	121,719	131,554	141,537	151,487	161,219	170,735	180,035	189,117	197,983	206,633	215,065	
12	Return on Average Investment		626	681	736	792	848	902	955	1,008	1,058	1,108	1,156	1,204	11,074
13															
14	Return Requirements		901	980	1,059	1,140	1,220	1,298	1,375	1,451	1,523	1,595	1,664	1,733	15,939
15															
16	Program Total		\$3,924	\$4,220	\$4,150	\$4,082	\$4,379	\$4,674	\$4,967	\$5,260	\$5,549	\$5,837	\$6,123	\$6,409	\$59,574
17	Residential Energy Management - Summary (Itemized Below)														
18	Expenditures Booked Directly to Plant		\$916,175	\$916,175	\$916,175	\$916,175	\$916,175	\$916,175	\$916,175	\$916,175	\$916,175	\$916,175	\$916,175	\$916,175	\$10,994,100
19	Retirements		45,307	27,438	28,990	22,550	28,922	23,246	45,709	17,719	39,975	5,568,624	134,153	126,483	6,109,117
20	Investments Booked to CWIP		41,666	41,666	41,666	41,666	61,666	41,666	57,666	41,666	41,666	41,666	41,666	41,666	535,992
21	Closings to Plant		0	0	0	0	0	0	0	0	0	0	0	535,992	535,992
22	Depreciation Base		75,848,037	76,727,839	77,615,800	78,506,205	79,396,643	80,286,734	81,151,669	82,052,893	82,940,221	83,836,408	84,727,839	85,615,800	
23															
24	Depreciation Expense		949,910	964,574	979,373	994,214	1,009,055	1,023,836	1,038,305	1,053,326	1,068,115	1,082,646	1,097,392	1,111,881	12,139,235
25															
26	Cumulative Plant Investment	75,870,690	76,741,558	77,630,295	78,517,479	79,411,104	80,298,357	81,191,286	82,081,752	82,960,208	83,836,408	84,727,839	85,615,800	86,506,205	81,291,664
27	Less: Accumulated Depreciation	29,277,868	30,182,471	31,119,607	32,069,989	33,041,653	34,021,786	35,022,376	36,014,972	37,050,579	38,078,719	39,108,624	40,141,975	41,179,635	35,307,986
28	Cumulative CWIP Investment	0	41,666	83,332	124,998	166,664	228,330	269,996	327,662	369,328	410,994	452,660	494,326	0	0
29	Net Plant Investment	46,592,822	46,600,753	46,594,020	46,572,488	46,536,115	46,504,901	46,438,906	46,374,442	46,278,957	46,168,683	46,089,878	46,043,327	45,983,679	45,447,687
30	Average Investment		46,596,788	46,597,387	46,583,254	46,554,302	46,520,508	46,471,903	46,406,674	46,326,699	46,223,820	46,129,280	46,066,602	46,013,503	
31	Return on Average Investment		260,725	260,727	260,645	260,486	260,295	260,024	259,659	259,212	258,635	258,107	257,756	257,457	3,113,728
32			0	0	0	0	0	0	0	0	0	0	0	0	
33	Return Requirements		375,260	375,264	375,146	374,916	374,642	374,252	373,726	373,083	372,253	371,492	370,988	370,557	4,481,579
34															
35	Program Total		\$1,325,170	\$1,339,838	\$1,354,519	\$1,369,130	\$1,383,697	\$1,398,088	\$1,412,031	\$1,426,409	\$1,440,368	\$1,408,138	\$1,375,380	\$1,388,046	\$16,620,814
36	Residential Energy Management - NGDR Hardware for ODS, LMS, APPDEV. Also includes NGDR TELECOM. (D)														
37	Expenditures Booked Directly to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
39	Investments Booked to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
40	Closings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
41	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	
42															
43	Depreciation Expense		122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	1,472,268
44															
45	Cumulative Plant Investment	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
46	Less: Accumulated Depreciation	5,936,434	6,059,123	6,181,812	6,304,501	6,427,190	6,549,879	6,672,568	6,795,257	6,917,946	7,040,635	7,163,324	7,286,013	7,408,702	7,408,702
47	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	Net Plant Investment	4,650,957	4,528,268	4,405,579	4,282,890	4,160,201	4,037,512	3,914,823	3,792,134	3,669,445	3,546,756	3,424,067	3,301,378	3,178,689	3,178,689
49	Average Investment		4,589,613	4,466,924	4,344,235	4,221,546	4,098,857	3,976,168	3,853,479	3,730,790	3,608,101	3,485,412	3,362,723	3,240,034	
50	Return on Average Investment		25,681	24,994	24,307	23,621	22,934	22,248	21,562	20,875	20,188	19,502	18,816	18,128	262,856
51															
52	Return Requirements		36,962	35,974	34,985	33,997	33,009	32,022	31,034	30,045	29,057	28,069	27,082	26,092	378,328
53															
54	Program Total		\$159,651	\$158,663	\$157,674	\$156,686	\$155,698	\$154,711	\$153,723	\$152,734	\$151,746	\$150,758	\$149,771	\$148,781	\$1,850,596

Notes:

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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	5,536,646	114,113	111,789	5,762,548	
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		17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	15,130,713	12,305,333	12,192,382		
7																
8	Depreciation Expense		298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	252,184	205,093	203,210	3,345,394	
9																
10	Cumulative Plant Investment		17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	12,362,390	12,248,277	12,136,488	12,136,488	
11	Less: Accumulated Depreciation		9,738,455	10,036,778	10,335,101	10,633,424	10,931,747	11,230,070	11,528,393	11,826,716	12,125,039	12,423,362	7,138,900	7,229,880	7,321,301	
12	Cumulative CWIP Investment		0	0	0	0	0	0	0	0	0	0	0	0	0	
13	Net Plant Investment		8,160,581	7,862,258	7,563,935	7,265,612	6,967,289	6,668,966	6,370,643	6,072,320	5,773,997	5,475,674	5,223,490	5,018,397	4,815,187	4,815,187
14	Average Investment			8,011,419	7,713,096	7,414,773	7,116,450	6,818,127	6,519,804	6,221,481	5,923,158	5,624,835	5,349,582	5,120,943	4,916,792	
15	Return on Average Investment			44,827	43,157	41,487	39,819	38,149	36,481	34,811	33,142	31,473	29,932	28,653	27,511	429,442
16																
17	Return Requirements			64,519	62,116	59,712	57,311	54,908	52,507	50,103	47,701	45,299	43,081	41,240	39,596	618,093
18																
19	Program Total		\$362,842	\$360,439	\$358,035	\$355,634	\$353,231	\$350,830	\$348,426	\$346,024	\$343,622	\$295,265	\$246,333	\$242,806	\$3,963,487	
20	Residential Energy Management - SmartGrid AMI Meters (D)															
21	Expenditures Booked Directly to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
22	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
23	Investments Booked to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0	
24	Closings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
25	Depreciation Base		22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287		
26																
27	Depreciation Expense		110,834	110,834	110,834	110,834	110,834	110,834	110,834	110,834	110,834	110,834	110,834	110,834	1,330,008	
28																
29	Cumulative Plant Investment		22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	
30	Less: Accumulated Depreciation		6,274,404	6,385,238	6,496,072	6,606,906	6,717,740	6,828,574	6,939,408	7,050,242	7,161,076	7,271,910	7,382,744	7,493,578	7,604,412	
31	Cumulative CWIP Investment		0	0	0	0	0	0	0	0	0	0	0	0	0	
32	Net Plant Investment		16,003,883	15,893,049	15,782,215	15,671,381	15,560,547	15,449,713	15,338,879	15,228,045	15,117,211	15,006,377	14,895,543	14,784,709	14,673,875	14,673,875
33	Average Investment			15,948,466	15,837,632	15,726,798	15,615,964	15,505,130	15,394,296	15,283,462	15,172,628	15,061,794	14,950,960	14,840,126	14,729,292	
34	Return on Average Investment			89,236	88,616	87,996	87,376	86,756	86,135	85,515	84,896	84,275	83,655	83,035	82,414	1,029,905
35																
36	Return Requirements			128,437	127,545	126,653	125,760	124,868	123,974	123,081	122,191	121,297	120,404	119,512	118,618	1,482,340
37																
38	Program Total		\$239,271	\$238,379	\$237,487	\$236,594	\$235,702	\$234,808	\$233,915	\$233,025	\$232,131	\$231,238	\$230,346	\$229,452	\$2,812,348	
39	Residential Energy Management - Non-NGDR Residential Projects (D)															
40	Expenditures Booked Directly to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
41	Retirements		0	0	0	0	0	0	33,526	0	0	0	0	0	33,526	
42	Investments Booked to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0	
43	Closings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
44	Depreciation Base		33,526	33,526	33,526	33,526	33,526	33,526	33,526	0	0	0	0	0		
45																
46	Depreciation Expense		559	559	559	559	559	505	0	0	0	0	0	0	3,300	
47																
48	Cumulative Plant Investment		33,526	33,526	33,526	33,526	33,526	33,526	33,526	0	0	0	0	0	0	
49	Less: Accumulated Depreciation		30,225	30,784	31,343	31,902	32,461	33,020	33,526	0	0	0	0	0	0	
50	Cumulative CWIP Investment		0	0	0	0	0	0	0	0	0	0	0	0	0	
51	Net Plant Investment		3,300	2,741	2,182	1,623	1,064	505	0	0	0	0	0	0	0	
52	Average Investment			3,021	2,462	1,903	1,344	785	253	0	0	0	0	0	0	
53	Return on Average Investment			17	14	10	7	4	1	0	0	0	0	0	53	
54																
55	Return Requirements			25	20	14	10	6	2	0	0	0	0	0	77	
56																
57	Program Total		\$584	\$579	\$573	\$569	\$565	\$507	\$0	\$0	\$0	\$0	\$0	\$0	\$3,377	

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58	Residential Energy Management - Load Management Switches (9080120) (D)														
59	Expenditures Booked Directly to Plant		\$916,175	\$916,175	\$916,175	\$916,175	\$916,175	\$916,175	\$916,175	\$916,175	\$916,175	\$916,175	\$916,175	\$916,175	\$10,994,100
60	Retirements		45,307	27,438	28,990	22,550	28,922	23,246	12,183	17,719	39,975	31,979	20,040	14,694	313,044
61	Investments Booked to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
62	Closings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
63	Amortization Base		25,049,797	25,929,599	26,817,560	27,707,965	28,598,403	29,488,494	30,386,955	31,288,179	32,175,507	33,055,705	33,945,870	34,844,678	
64															
65	Amortization Expense		417,505	432,169	446,968	461,809	476,650	491,485	506,459	521,480	536,269	550,939	565,776	580,756	5,988,265
66															
67	Cumulative Plant Investment	25,072,450	25,943,319	26,832,055	27,719,240	28,612,865	29,500,117	30,393,046	31,297,038	32,195,494	33,071,694	33,955,890	34,852,025	35,753,507	35,753,507
68	Less: Accumulated Depreciation	7,298,349	7,670,548	8,075,278	8,493,256	8,932,514	9,380,242	9,848,481	10,342,757	10,846,518	11,342,812	11,861,772	12,407,508	12,973,570	12,973,570
69	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	Net Plant Investment	17,774,101	18,272,771	18,756,777	19,225,984	19,680,350	20,119,875	20,544,565	20,954,281	21,348,976	21,728,882	22,094,118	22,444,517	22,779,936	22,779,936
71	Average Investment		18,023,436	18,514,774	18,991,381	19,453,167	19,900,113	20,332,220	20,749,423	21,151,629	21,538,929	21,911,500	22,269,318	22,612,227	
72	Return on Average Investment		100,847	103,596	106,262	108,847	111,347	113,765	116,099	118,349	120,516	122,602	124,603	126,522	1,373,355
73															
74	Return Requirements		145,149	149,105	152,943	156,663	160,261	163,741	167,101	170,339	173,458	176,461	179,341	182,103	1,976,665
75															
76	Program Total		\$562,654	\$581,274	\$599,911	\$618,472	\$636,911	\$655,226	\$673,560	\$691,819	\$709,727	\$727,400	\$745,117	\$762,859	\$7,964,930
77	Residential Energy Management - Load Management Security Enhancement (9080120) (D)														
78	Expenditures Booked Directly to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
79	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
80	Investments Booked to CWIP		41,666	41,666	41,666	41,666	61,666	41,666	57,666	41,666	41,666	41,666	41,666	41,666	535,992
81	Closings to Plant		0	0	0	0	0	0	0	0	0	0	0	535,992	535,992
82	Amortization Base		0	0	0	0	0	0	0	0	0	0	0	535,992	
83															
84	Amortization Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
85															
86	Cumulative Plant Investment	0	0	0	0	0	0	0	0	0	0	0	0	535,992	535,992
87	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	Cumulative CWIP Investment	0	41,666	83,332	124,998	166,664	228,330	269,996	327,662	369,328	410,994	452,660	494,326	0	0
89	Net Plant Investment	0	41,666	83,332	124,998	166,664	228,330	269,996	327,662	369,328	410,994	452,660	494,326	535,992	535,992
90	Average Investment		20,833	62,499	104,165	145,831	197,497	249,163	298,829	348,495	390,161	431,827	473,493	515,159	
91	Return on Average Investment		117	350	583	816	1,105	1,394	1,672	1,950	2,183	2,416	2,649	2,882	18,117
92															
93	Return Requirements		168	504	839	1,175	1,590	2,006	2,407	2,807	3,142	3,477	3,813	4,148	26,076
94															
95	Program Total		\$168	\$504	\$839	\$1,175	\$1,590	\$2,006	\$2,407	\$2,807	\$3,142	\$3,477	\$3,813	\$4,148	\$26,076
96	Demand & Energy Summary														
97	Energy		\$2,629	\$3,126	\$3,106	\$2,526	\$1,916	\$1,907	\$1,894	\$1,882	\$1,872	\$1,860	\$1,847	\$1,838	\$26,403
98	Demand		1,330,617	1,346,431	1,361,886	1,377,268	1,392,967	1,408,485	1,423,549	1,439,042	1,454,109	1,422,979	1,391,315	1,405,068	\$16,753,716
99	Total Depreciation & Return		\$1,333,246	\$1,349,557	\$1,364,992	\$1,379,794	\$1,394,883	\$1,410,392	\$1,425,443	\$1,440,924	\$1,455,981	\$1,424,839	\$1,393,162	\$1,406,906	\$16,780,119

Notes:

- Return on average investment is calculated using an annual rate of 6.71% based on May 2017 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 20120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Program Costs
January - June 2017 Actuals
July - December 2017 Estimates

Line No.	Program Demand (D) or Energy (E)	Depreciation Amortization & Return	Operating & Maintenance Costs							Program Revenues (Credits)	Total
			Payroll & Benefits	Vehicles	Outside Services	Materials & Supplies	Advertising	Incentives	Other		
1	<u>Home Energy Check (E)</u>										
2	A. Actual	\$8,535	\$1,238,497	\$57,328	\$172,342	\$126,978	\$565,038	\$307,990	\$31,020	\$0	\$2,507,728
3	B. Estimated	8,214	1,314,000	57,000	186,000	101,000	613,450	330,021	30,534	0	2,640,220
4											
5	C. Total	\$16,749	\$2,552,497	\$114,328	\$358,342	\$227,978	\$1,178,488	\$638,012	\$61,554	\$0	\$5,147,947
6											
7	<u>Residential Incentive Program (E)</u>										
8	A. Actual	\$0	\$1,047,155	\$30,568	\$59,353	\$21,619	\$339,836	\$2,837,015	\$12,348	\$0	\$4,347,893
9	B. Estimated	0	1,005,570	23,266	73,542	14,000	372,935	2,784,575	36,000	0	4,309,888
10											
11	C. Total	\$0	\$2,052,725	\$53,834	\$132,895	\$35,619	\$712,771	\$5,621,590	\$48,348	\$0	\$8,657,781
12											
13	<u>Business Energy Check (E)</u>										
14	A. Actual	\$7,650	\$211,606	\$5,604	\$13,850	\$296	(\$6,684)	\$15,209	\$8,058	\$0	\$255,589
15	B. Estimated	7,308	192,000	6,000	13,200	330	41,000	15,500	9,000	0	284,338
16											
17	C. Total	\$14,958	\$403,606	\$11,604	\$27,050	\$626	\$34,316	\$30,709	\$17,058	\$0	\$539,927
18											
19	<u>Better Business (E)</u>										
20	A. Actual	\$0	\$570,240	\$5,019	\$55,580	\$1,934	\$29,987	\$1,297,274	\$11,961	\$0	\$1,971,995
21	B. Estimated	0	528,000	6,000	30,000	1,350	20,000	1,355,000	12,000	0	1,952,350
22											
23	C. Total	\$0	\$1,098,240	\$11,019	\$85,580	\$3,284	\$49,987	\$2,652,274	\$23,961	\$0	\$3,924,345
24											
25	<u>Technology Development (E)</u>										
26	A. Actual	\$0	\$110,996	\$1,504	\$10,393	\$4,944	\$0	\$0	\$9,271	\$0	\$137,107
27	B. Estimated	0	150,000	2,500	90,000	12,000	0	0	12,000	0	266,500
28											
29	C. Total	\$0	\$260,996	\$4,004	\$100,393	\$16,944	\$0	\$0	\$21,271	\$0	\$403,607
30											
31	<u>Florida Custom Incentive Program (E)</u>										
32	A. Actual	\$0	\$44,285	\$563	\$83,313	\$861	\$17,869	\$66,672	(\$1,396)	\$0	\$212,168
33	B. Estimated	0	78,000	300	66,000	0	9,000	125,000	0	0	278,300
34											
35	C. Total	\$0	\$122,285	\$863	\$149,313	\$861	\$26,869	\$191,672	(\$1,396)	\$0	\$490,468
36											
37	<u>Interruptible Service (D)</u>										
38	A. Actual	\$7,666	\$94,699	\$5,968	\$127	\$3,182	\$0	\$15,389,978	\$6,089	\$0	\$15,507,708
39	B. Estimated	8,474	96,000	3,852	30,000	120,000	0	15,852,780	1,200	0	16,112,306
40											
41	C. Total	\$16,140	\$190,699	\$9,820	\$30,127	\$123,182	\$0	\$31,242,758	\$7,289	\$0	\$31,620,014

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
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Line No.	Program Demand (D) or Energy (E)	Depreciation Amortization & Return	Operating & Maintenance Costs							Program Revenues (Credits)	Total
			Payroll & Benefits	Vehicles	Outside Services	Materials & Supplies	Advertising	Incentives	Other		
1	<u>Curtailable Service (D)</u>										
2	A. Actual	\$0	\$38,820	\$0	\$0	\$0	\$0	\$907,103	\$0	\$0	\$945,923
3	B. Estimated	0	36,000	0	0	0	0	968,994	0	0	1,004,994
4											
5	C. Total	\$0	\$74,820	\$0	\$0	\$0	\$0	\$1,876,097	\$0	\$0	\$1,950,917
6											
7	<u>Neighborhood Energy Saver (E)</u>										
8	A. Actual	\$0	\$94,165	\$207	\$152,001	\$6,628	\$107,774	\$1,133,470	\$12,081	\$0	\$1,506,326
9	B. Estimated	0	100,438	0	117,900	0	71,000	1,260,000	0	0	1,549,338
10											
11	C. Total	\$0	\$194,603	\$207	\$269,901	\$6,628	\$178,774	\$2,393,470	\$12,081	\$0	\$3,055,664
12											
13	<u>Energy Management (Residential & Commercial) (D)</u>										
14	A. Actual	\$7,610,330	\$929,678	\$20,146	\$1,171,331	\$112,896	\$476,629	\$10,760,673	\$33,055	\$0	\$21,114,738
15	B. Estimated	7,767,836	1,041,066	19,776	1,456,155	30,000	338,620	13,138,433	34,106	0	23,825,992
16											
17	C. Total	\$15,378,166	\$1,970,744	\$39,922	\$2,627,485	\$142,896	\$815,249	\$23,899,106	\$67,161	\$0	\$44,940,730
18											
19	<u>Low Income Weatherization Assistance Program (E)</u>										
20	A. Actual	\$0	\$57,442	\$135	\$214	\$0	\$22,000	\$59,230	\$4,096	\$0	\$143,117
21	B. Estimated	0	59,458	298	0	2,000	8,500	116,000	7,000	0	193,256
22											
23	C. Total	\$0	\$116,900	\$433	\$214	\$2,000	\$30,500	\$175,230	\$11,096	\$0	\$336,373
24											
25	<u>Standby Generation (D)</u>										
26	A. Actual	\$11,479	\$146,922	\$3,412	\$4,110	\$2,481	\$0	\$1,981,145	\$2,588	\$0	\$2,152,137
27	B. Estimated	15,090	144,000	3,816	65,600	12,800	0	2,102,382	4,024	0	2,347,712
28											
29	C. Total	\$26,569	\$290,922	\$7,228	\$69,710	\$15,281	\$0	\$4,083,527	\$6,612	\$0	\$4,499,849
30											
31	<u>Qualifying Facility (E)</u>										
32	A. Actual	\$0	\$511,817	\$2,052	\$6,183	\$17	\$0	\$0	\$13,215	\$0	\$533,285
33	B. Estimated	0	528,000	2,600	13,700	810	0	0	20,600	0	565,710
34											
35	C. Total	\$0	\$1,039,817	\$4,652	\$19,883	\$827	\$0	\$0	\$33,815	\$0	\$1,098,995
36											
37	<u>Conservation Program Admin (E)</u>										
38	A. Actual	\$0	\$1,248,995	\$5,179	\$561,912	\$32,341	\$0	\$0	\$231,746	\$0	\$2,080,173
39	B. Estimated	0	1,505,123	6,000	348,000	75,000	0	0	240,000	0	2,174,123
40											
41	C. Total	\$0	\$2,754,118	\$11,179	\$909,912	\$107,341	\$0	\$0	\$471,746	\$0	\$4,254,296
42	ECCR Program Costs	\$15,452,582	\$13,122,971	\$269,092	\$4,780,802	\$683,467	\$3,026,955	\$72,804,446	\$780,597	\$0	\$110,920,912

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Schedule of Capital Investment, Depreciation & Return
January - June 2017 Actuals
July - December 2017 Estimates

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Duke Energy Florida, LLC
Witness: Lori J. Cross
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Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Act Jan-17	Act Feb-17	Act Mar-17	Act Apr-17	Act May-17	Act Jun-17	Est Jul-17	Est Aug-17	Est Sep-17	Est Oct-17	Est Nov-17	Est Dec-17	Total
1	Home Energy Check (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	0	0
4	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	
5															
6	Depreciation Expense		982	982	982	982	982	982	982	982	982	982	982	982	11,784
7															
8	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
9	Less: Accumulated Depreciation	25,546	26,528	27,510	28,492	29,474	30,456	31,438	32,420	33,402	34,384	35,366	36,348	37,330	37,330
10	Net Investment	56,916	55,934	54,952	53,970	52,988	52,006	51,024	50,042	49,060	48,078	47,096	46,114	45,132	45,132
11	Average Investment		56,425	55,443	54,461	53,479	52,497	51,515	50,533	49,551	48,569	47,587	46,605	45,623	
12	Return on Average Investment		317	311	306	300	295	289	283	277	272	266	260	256	3,432
13															
14	Return Requirements		461	452	445	436	429	420	407	399	391	383	374	368	4,965
15															
16	Program Total		\$1,443	\$1,434	\$1,427	\$1,418	\$1,411	\$1,402	\$1,389	\$1,381	\$1,373	\$1,365	\$1,356	\$1,350	\$16,749
17	Business Energy Check (E)														
18	Investments		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
20	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	
21															
22	Depreciation Expense		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
23															
24	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
25	Less: Accumulated Depreciation	51,464	52,621	53,778	54,935	56,092	57,249	58,406	59,563	60,720	61,877	63,034	64,191	65,348	65,348
26	Net Investment	17,951	16,794	15,637	14,480	13,323	12,166	11,009	9,852	8,695	7,538	6,381	5,224	4,067	4,067
27	Average Investment		17,372	16,215	15,058	13,901	12,744	11,587	10,430	9,273	8,116	6,959	5,802	4,645	
28	Return on Average Investment		97	91	84	78	72	65	59	52	46	39	33	26	742
29															
30	Return Requirements		141	132	122	113	105	95	85	75	66	56	47	37	1,074
31															
32	Program Total		\$1,298	\$1,289	\$1,279	\$1,270	\$1,262	\$1,252	\$1,242	\$1,232	\$1,223	\$1,213	\$1,204	\$1,194	\$14,958
33	Standby Generation (D)														
34	Investments		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000	\$0	\$30,000	\$0	\$30,000	\$90,000
35	Retirements		83,251	0	0	0	0	0	0	0	0	0	0	0	83,251
36	Depreciation Base		133,000	91,375	91,375	91,375	91,375	91,375	91,375	91,375	121,375	121,375	151,375	151,375	
37															
38	Depreciation Expense		2,217	1,523	1,523	1,523	1,523	1,523	1,523	1,523	2,023	2,023	2,523	2,523	21,970
39															
40	Cumulative Investment	174,625	91,375	91,375	91,375	91,375	91,375	91,375	91,375	121,375	121,375	151,375	151,375	181,375	181,375
41	Less: Accumulated Depreciation	135,793	54,759	56,282	57,805	59,328	60,851	62,374	63,897	65,420	67,443	69,466	71,989	74,512	74,512
42	Net Investment	38,832	36,615	35,092	33,569	32,046	30,523	29,000	27,477	55,954	53,931	81,908	79,385	106,862	106,862
43	Average Investment		37,724	35,854	34,331	32,808	31,285	29,762	28,239	41,716	54,943	67,920	80,647	93,124	
44	Return on Average Investment		212	201	193	184	176	167	158	233	307	380	452	521	3,184
45															
46	Return Requirements		308	292	280	268	256	243	228	335	442	547	650	750	4,599
47															
48	Program Total		\$2,525	\$1,815	\$1,803	\$1,791	\$1,779	\$1,766	\$1,751	\$1,858	\$2,465	\$2,570	\$3,173	\$3,273	\$26,569

Notes:

- Jan - Jun return on average investment is calculated using an annual rate of 6.74% based on May 2016 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 20120007-EI.
- Jul - Dec return on average investment is calculated using an annual rate of 6.71% based on May 2017 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 20120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

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Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Act Jan-17	Act Feb-17	Act Mar-17	Act Apr-17	Act May-17	Act Jun-17	Est Jul-17	Est Aug-17	Est Sep-17	Est Oct-17	Est Nov-17	Est Dec-17	Total
1	Interruptible Service (D)														
2	Investments		\$0	\$0	\$0	\$11,969	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,969
3	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
4	Depreciation Base		51,869	51,869	51,869	51,869	63,838	63,838	63,838	63,838	63,838	63,838	63,838	63,838	
5															
6	Depreciation Expense		865	865	865	865	1,064	1,064	1,064	1,064	1,064	1,064	1,064	1,064	11,972
7															
8	Cumulative Investment	51,869	51,869	51,869	51,869	63,838	63,838	63,838	63,838	63,838	63,838	63,838	63,838	63,838	63,838
9	Less: Accumulated Depreciation	11,786	12,651	13,516	14,381	15,246	16,310	17,374	18,438	19,502	20,566	21,630	22,694	23,758	23,758
10	Net Investment	40,083	39,218	38,353	37,488	48,592	47,528	46,464	45,400	44,336	43,272	42,208	41,144	40,080	40,080
11	Average Investment		39,651	38,786	37,921	43,040	48,060	46,996	45,932	44,868	43,804	42,740	41,676	40,612	
12	Return on Average Investment		223	217	213	242	270	264	257	251	245	239	233	227	2,881
13															
14	Return Requirements		324	316	310	352	392	384	370	362	352	344	335	327	4,168
15															
16	Program Total		\$1,189	\$1,181	\$1,175	\$1,217	\$1,456	\$1,448	\$1,434	\$1,426	\$1,416	\$1,408	\$1,399	\$1,391	\$16,140
17	Residential Energy Management - Summary (Itemized below) (D)														
18	Expenditures Booked Directly to Plant		\$582,155	\$364,586	\$531,287	\$870,347	\$298,506	\$634,481	\$694,917	\$692,517	\$692,517	\$694,917	\$692,517	\$692,517	\$7,441,264
19	Retirements		251,886	297,779	111,439	103,002	459,915	99,829	142,432	184,852	158,559	54,647	60,926	41,343	1,966,607
20	Investments Booked to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
21	Closings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
22	Depreciation Base		70,270,091	70,577,413	70,737,390	71,161,457	71,750,346	71,768,980	72,282,331	72,813,606	73,334,418	73,920,332	74,557,462	75,198,845	
23															
24	Depreciation Expense		856,004	861,406	864,350	871,649	881,614	881,924	890,480	899,335	908,015	917,781	928,400	939,090	10,700,048
25															
26	Cumulative Plant Investment	70,396,033	70,726,302	70,793,109	71,212,957	71,980,303	71,818,894	72,353,546	72,906,031	73,413,696	73,947,654	74,587,924	75,219,516	75,870,690	75,870,690
27	Less: Accumulated Depreciation	20,544,427	21,148,545	21,712,172	22,465,084	23,233,731	23,655,430	24,437,525	25,185,573	25,900,056	26,649,512	27,512,646	28,380,121	29,277,868	29,277,868
28	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Net Plant Investment	49,851,606	49,577,757	49,080,937	48,747,874	48,746,572	48,163,464	47,916,021	47,720,458	47,513,640	47,298,142	47,075,278	46,839,395	46,592,822	46,592,822
30	Average Investment		49,714,682	49,329,347	48,914,405	48,747,223	48,455,018	48,039,742	47,818,240	47,617,049	47,405,891	47,186,710	46,957,337	46,716,109	
31	Return on Average Investment		279,187	277,024	274,693	273,755	272,112	269,781	267,558	266,432	265,253	264,023	262,741	261,390	3,233,949
32															
33	Return Requirements		405,819	402,675	399,287	397,922	395,534	392,146	385,096	383,474	381,777	380,008	378,162	376,218	4,678,118
34															
35	Program Total		\$1,261,823	\$1,264,081	\$1,263,637	\$1,269,571	\$1,277,148	\$1,274,070	\$1,275,576	\$1,282,809	\$1,289,792	\$1,297,789	\$1,306,562	\$1,315,308	\$15,378,166
36	Residential Energy Management - SmartGrid Hardware for ODS, LMS, APPDEV & TELECOM (D)														
37	Expenditures Booked Directly to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
39	Investments Booked to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
40	Closings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
41	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	
42															
43	Depreciation Expense		122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	1,472,268
44															
45	Cumulative Plant Investment	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
46	Less: Accumulated Depreciation	4,464,166	4,586,855	4,709,544	4,832,233	4,954,922	5,077,611	5,200,300	5,322,989	5,445,678	5,568,367	5,691,056	5,813,745	5,936,434	5,936,434
47	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	Net Plant Investment	6,123,225	6,000,536	5,877,847	5,755,158	5,632,469	5,509,780	5,387,091	5,264,402	5,141,713	5,019,024	4,896,335	4,773,646	4,650,957	4,650,957
49	Average Investment		6,061,881	5,939,192	5,816,503	5,693,814	5,571,125	5,448,436	5,325,747	5,203,058	5,080,369	4,957,680	4,834,991	4,712,302	
50	Return on Average Investment		34,042	33,353	32,665	31,975	31,286	30,597	29,799	29,113	28,427	27,739	27,053	26,367	362,416
51															
52	Return Requirements		49,483	48,481	47,481	46,478	45,476	44,475	42,890	41,902	40,915	39,925	38,937	37,950	524,393
53															
54	Program Total		\$172,172	\$171,170	\$170,170	\$169,167	\$168,165	\$167,164	\$165,579	\$164,591	\$163,604	\$162,614	\$161,626	\$160,639	\$1,996,661

Notes:

- Jan - Jun return on average investment is calculated using an annual rate of 6.74% based on May 2016 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 20120007-EI.
- Jul - Dec return on average investment is calculated using an annual rate of 6.71% based on May 2017 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 20120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Schedule of Capital Investment, Depreciation & Return
January - June 2017 Actuals
July - December 2017 Estimates

FPSC Docket No. 20170002-EG
Duke Energy Florida, LLC
Witness: Lori J. Cross
Exhibit No. (LJC-1P)
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Line No.	Program	Beginning Balance	Act Jan-17	Act Feb-17	Act Mar-17	Act Apr-17	Act May-17	Act Jun-17	Est Jul-17	Est Aug-17	Est Sep-17	Est Oct-17	Est Nov-17	Est Dec-17	Total	
1	Residential Energy Management - SmartGrid 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		17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036		
7																
8	Depreciation Expense		298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	3,579,876	
9																
10	Cumulative Plant Investment	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	
11	Less: Accumulated Depreciation	6,158,579	6,456,902	6,755,225	7,053,548	7,351,871	7,650,194	7,948,517	8,246,840	8,545,163	8,843,486	9,141,809	9,440,132	9,738,455	9,738,455	
12	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	Net Plant Investment	11,740,457	11,442,134	11,143,811	10,845,488	10,547,165	10,248,842	9,950,519	9,652,196	9,353,873	9,055,550	8,757,227	8,458,904	8,160,581	8,160,581	
14	Average Investment		11,591,295	11,292,972	10,994,649	10,696,326	10,398,003	10,099,680	9,801,357	9,503,034	9,204,711	8,906,388	8,608,065	8,309,742		
15	Return on Average Investment		65,094	63,419	61,743	60,068	58,393	56,717	54,842	53,172	51,503	49,834	48,165	46,495	669,445	
16																
17	Return Requirements		94,619	92,184	89,748	87,313	84,878	82,442	78,934	76,531	74,128	71,726	69,324	66,920	968,747	
18																
19	Program Total		\$392,942	\$390,507	\$388,071	\$385,636	\$383,201	\$380,765	\$377,257	\$374,854	\$372,451	\$370,049	\$367,647	\$365,243	\$4,548,623	
20	Residential Energy Management - SmartGrid AMI Meters (D)															
21	Expenditures Booked Directly to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
22	Retirements		14,747	33,389	13,925	25,640	0	0	0	0	0	0	0	0	87,700	
23	Investments Booked to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0	
24	Closings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
25	Depreciation Base		22,358,614	22,334,546	22,310,889	22,291,107	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287		
26																
27	Depreciation Expense		111,234	111,114	110,997	110,898	110,834	110,834	110,834	110,834	110,834	110,834	110,834	110,834	1,330,915	
28																
29	Cumulative Plant Investment	22,365,988	22,351,241	22,317,852	22,303,927	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	22,278,287	
30	Less: Accumulated Depreciation	5,031,190	5,127,677	5,205,402	5,302,474	5,387,732	5,498,566	5,609,400	5,720,234	5,831,068	5,941,902	6,052,736	6,163,570	6,274,404	6,274,404	
31	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
32	Net Plant Investment	17,334,798	17,223,564	17,112,450	17,001,453	16,890,555	16,779,721	16,668,887	16,558,053	16,447,219	16,336,385	16,225,551	16,114,717	16,003,883	16,003,883	
33	Average Investment		17,279,181	17,168,007	17,056,951	16,946,004	16,835,138	16,724,304	16,613,470	16,502,636	16,391,802	16,280,968	16,170,134	16,059,300		
34	Return on Average Investment		97,036	96,412	95,788	95,165	94,542	93,921	92,957	92,337	91,718	91,097	90,477	89,857	1,121,307	
35																
36	Return Requirements		141,049	140,142	139,235	138,329	137,424	136,521	133,793	132,900	132,009	131,116	130,223	129,331	1,622,072	
37																
38	Program Total		\$252,283	\$251,256	\$250,232	\$249,227	\$248,258	\$247,355	\$244,627	\$243,734	\$242,843	\$241,950	\$241,057	\$240,165	\$2,952,987	
39	Residential Energy Management - Non-SmartGrid Residential Projects (D)															
40	Expenditures Booked Directly to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
41	Retirements		41,327	21,974	(20,864)	0	0	0	0	0	0	0	0	0	42,437	
42	Investments Booked to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0	
43	Closings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
44	Depreciation Base		55,299	23,649	23,094	33,526	33,526	33,526	33,526	33,526	33,526	33,526	33,526	33,526		
45																
46	Depreciation Expense		922	394	385	559	559	559	559	559	559	559	559	559	6,732	
47																
48	Cumulative Plant Investment	75,963	34,636	12,662	33,526	33,526	33,526	33,526	33,526	33,526	33,526	33,526	33,526	33,526	33,526	
49	Less: Accumulated Depreciation	65,930	25,525	3,945	25,194	25,753	26,312	26,871	27,430	27,989	28,548	29,107	29,666	30,225	30,225	
50	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
51	Net Plant Investment	10,032	9,110	8,716	8,331	7,772	7,213	6,654	6,095	5,536	4,977	4,418	3,859	3,300	3,300	
52	Average Investment		9,571	8,913	8,524	8,052	7,493	6,934	6,375	5,816	5,257	4,698	4,139	3,580		
53	Return on Average Investment		54	50	48	46	42	39	36	33	30	26	23	20	447	
54																
55	Return Requirements		78	73	70	67	61	57	52	47	43	37	33	29	647	
56																
57	Program Total		\$1,000	\$467	\$455	\$626	\$620	\$616	\$611	\$606	\$602	\$596	\$592	\$588	\$7,379	

Notes:

- Jan - Jun return on average investment is calculated using an annual rate of 6.74% based on May 2016 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 20120007-EI.
- Jul - Dec return on average investment is calculated using an annual rate of 6.71% based on May 2017 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 20120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Schedule of Capital Investment, Depreciation & Return
January - June 2017 Actuals

Duke Energy Florida, LLC
Witness: Lori J. Cross
Exhibit No. (LJC-1P)
Schedule C-3
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Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Act Jan 17	Act Feb 17	Act Mar 17	Act Apr 17	Act May 17	Act Jun 17	Est Jul 17	Est Aug 17	Est Sep 17	Est Oct 17	Est Nov 17	Est Dec 17	Total
1	Residential Energy Management - Load Management Switches (D)														
2	Expenditures Booked Directly to Plant		\$582,155	\$364,586	\$531,287	\$870,347	\$298,506	\$634,481	\$694,917	\$692,517	\$692,517	\$694,917	\$692,517	\$692,517	\$7,441,264
3	Retirements		195,812	242,416	118,377	77,362	459,915	99,829	142,432	184,852	158,559	54,647	60,926	41,343	1,836,470
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	Amortization Base		19,369,751	19,732,791	19,916,980	20,350,397	20,952,106	20,970,740	21,484,091	22,015,366	22,536,178	23,122,092	23,759,222	24,400,605	
7															
8	Amortization Expense		322,836	328,886	331,956	339,180	349,209	349,519	358,075	366,930	375,610	385,376	395,995	406,685	4,310,257
9															
10	Cumulative Plant Investment	19,467,656	19,853,999	19,976,169	20,389,079	21,182,063	21,020,654	21,555,307	22,107,792	22,615,457	23,149,415	23,789,685	24,421,276	25,072,450	25,072,450
11	Less: Accumulated Depreciation	4,824,562	4,951,586	5,038,056	5,251,635	5,513,452	5,402,746	5,652,436	5,868,080	6,050,158	6,267,209	6,597,938	6,933,007	7,298,349	7,298,349
12	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Net Plant Investment	14,643,094	14,902,413	14,938,113	15,137,444	15,668,611	15,617,908	15,902,870	16,239,712	16,565,299	16,882,206	17,191,747	17,488,269	17,774,101	17,774,101
14	Average Investment		14,772,754	14,920,263	15,037,778	15,403,028	15,643,260	15,760,389	16,071,291	16,402,506	16,723,753	17,036,977	17,340,008	17,631,185	
15	Return on Average Investment		82,961	83,790	84,449	86,501	87,849	88,507	89,924	91,777	93,575	95,327	97,023	98,651	1,080,334
16															
17	Return Requirements		120,590	121,795	122,753	125,735	127,695	128,651	129,427	132,094	134,682	137,204	139,645	141,988	1,562,259
18															
19	Program Total		\$443,426	\$450,681	\$454,709	\$464,915	\$476,904	\$478,170	\$487,502	\$499,024	\$510,292	\$522,580	\$535,640	\$548,673	\$5,872,516
20	Summary of Demand & Energy														
21	Energy		\$2,741	\$2,723	\$2,706	\$2,688	\$2,673	\$2,654	\$2,631	\$2,613	\$2,596	\$2,578	\$2,560	\$2,544	\$31,707
22	Demand		1,265,537	1,267,077	1,266,615	1,272,579	1,280,383	1,277,284	1,278,761	1,286,093	1,293,673	1,301,767	1,311,134	1,319,972	15,420,875
23	Total Return & Depreciation		\$1,268,278	\$1,269,800	\$1,269,321	\$1,275,267	\$1,283,056	\$1,279,938	\$1,281,392	\$1,288,706	\$1,296,269	\$1,304,345	\$1,313,694	\$1,322,516	\$15,452,582

Notes:

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- Jul - Dec return on average investment is calculated using an annual rate of 6.71% based on May 2017 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 20120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Calculation of Interest Provision
January 2017 - December 2017

Line No.	Act Jan-17	Act Feb-17	Act Mar-17	Act Apr-17	Act May-17	Act Jun-17	Est Jul-17	Est Aug-17	Est Sep-17	Est Oct-17	Est Nov-17	Est Dec-17	Total
1 Beginning True-Up Amount (C3, Page 11, Lines 7 & 8)	(\$7,271,001)	(\$5,983,471)	(\$4,534,449)	(\$2,936,711)	(\$2,256,339)	(\$2,208,227)	(\$2,632,424)	(\$3,515,577)	(\$4,900,861)	(\$6,130,811)	(\$6,351,486)	(\$4,988,644)	
2 Ending True-Up Amount Before Interest (C3, Page 11, Lines 5,7-10)	(5,979,441)	(4,531,426)	(2,934,253)	(2,254,392)	(2,206,544)	(2,630,378)	(3,512,812)	(4,897,075)	(6,125,849)	(6,345,871)	(4,983,543)	(3,075,254)	
3 Total Beginning & Ending True-Up (Line 1 + Line 2)	(13,250,442)	(10,514,897)	(7,468,702)	(5,191,103)	(4,462,883)	(4,838,605)	(6,145,236)	(8,412,652)	(11,026,710)	(12,476,682)	(11,335,029)	(8,063,898)	
4 Average True-Up Amount (50% of Line 3)	(6,625,221)	(5,257,448)	(3,734,351)	(2,595,552)	(2,231,441)	(2,419,302)	(3,072,618)	(4,206,326)	(5,513,355)	(6,238,341)	(5,667,515)	(4,031,949)	
5 Interest Rate: First Day Reporting Business Month	0.72%	0.74%	0.64%	0.94%	0.86%	0.95%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	
6 Interest Rate: First Day Subsequent Business Month	0.74%	0.64%	0.94%	0.86%	0.95%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	
7 Total (Line 5 & Line 6) (Line 5 + Line 6)	1.46%	1.38%	1.58%	1.80%	1.81%	2.03%	2.16%	2.16%	2.16%	2.16%	2.16%	2.16%	
8 Average Interest Rate (50% of Line 7)	0.730%	0.690%	0.790%	0.900%	0.905%	1.015%	1.080%	1.080%	1.080%	1.080%	1.080%	1.080%	
9 Interest Provision (Line 4 * Line 8) / 12	(\$4,030)	(\$3,023)	(\$2,458)	(\$1,947)	(\$1,683)	(\$2,046)	(\$2,765)	(\$3,786)	(\$4,962)	(\$5,615)	(\$5,101)	(\$3,629)	(\$41,045)

Duke Energy Florida, LLC
 Energy Conservation Cost Recovery
 Energy Conservation Adjustment
 Calculation of True-Up
 January 2017 - December 2017

Line No.	Act Jan-17	Act Feb-17	Act Mar-17	Act Apr-17	Act May-17	Act Jun-17	Est Jul-17	Est Aug-17	Est Sep-17	Est Oct-17	Est Nov-17	Est Dec-17	Total
1	\$7,275,880	\$7,574,080	\$7,179,699	\$8,001,792	\$8,953,691	\$9,776,981	\$10,444,797	\$10,953,222	\$10,804,274	\$9,802,422	\$8,228,769	\$7,692,143	\$106,687,749
2	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	7,271,001
3	7,881,796	8,179,997	7,785,616	8,607,708	9,559,608	10,382,898	11,050,713	11,559,139	11,410,191	10,408,339	8,834,686	8,298,060	113,958,750
4	8,567,440	9,026,125	8,779,895	8,684,111	9,003,487	9,354,830	9,564,409	9,571,723	9,579,286	9,587,362	9,596,711	9,605,533	110,920,912
5	685,643	846,128	994,279	76,402	(556,121)	(1,028,069)	(1,486,304)	(1,987,415)	(1,830,905)	(820,976)	762,026	1,307,474	(3,037,838)
6	(4,030)	(3,023)	(2,458)	(1,947)	(1,683)	(2,046)	(2,765)	(3,786)	(4,962)	(5,615)	(5,101)	(3,629)	(41,045)
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	(7,271,001)	(5,983,471)	(4,534,449)	(2,936,711)	(2,256,339)	(2,208,227)	(2,632,424)	(3,515,577)	(4,900,861)	(6,130,811)	(6,351,486)	(4,988,644)	(7,271,001)
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	7,271,001
11	(\$5,983,471)	(\$4,534,449)	(\$2,936,711)	(\$2,256,339)	(\$2,208,227)	(\$2,632,424)	(\$3,515,577)	(\$4,900,861)	(\$6,130,811)	(\$6,351,486)	(\$4,988,644)	(\$3,078,883)	(\$3,078,883)

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Calculation of ECCR Revenues
January 2018 - December 2018

Line No.	Month	Jurisdictional mWh Sales	ECCR Revenue Net of Revenue Taxes
1	January	2,972,586	\$8,472,962
2	February	2,787,089	8,229,372
3	March	2,657,930	7,497,928
4	April	2,708,796	7,695,405
5	May	2,981,063	8,413,312
6	June	3,560,461	10,300,889
7	July	3,788,605	10,899,059
8	August	3,968,574	11,435,497
9	September	3,893,979	11,328,383
10	October	3,544,639	10,152,553
11	November	3,017,392	8,613,690
12	December	2,842,070	8,014,497
13	Total	38,723,184	\$111,053,547

**Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Capital Structure and Cost Rates**

FPSC Docket No. 20170002-EG
Duke Energy Florida, LLC
Witness: Lori J. Cross
Exhibit No. ___(LJC-1P)
Schedule C-6
Page 1 of 1

Class of Capital	Retail Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	\$4,664,905	46.35%	0.10500	4.867%	7.924%
PS	0	0.00%	0.00000	0.000%	0.000%
LTD	3,327,189	33.06%	0.05470	1.809%	1.809%
STD	373,704	3.71%	0.00580	0.022%	0.022%
CD-Active	182,948	1.82%	0.02300	0.042%	0.042%
CD-Inactive	1,367	0.01%	0.00000	0.000%	0.000%
ADIT	223	0.00%	0.00000	0.000%	0.000%
FAS 109	(161,369)	-1.60%	0.00000	0.000%	0.000%
ITC	1,674,675	16.64%	0.00000	0.000%	0.000%
Total	\$10,063,642	100.00%		6.739%	9.796%
			Total Debt	1.872%	1.872%
			Total Equity	4.867%	7.924%

May 2016 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Dockets 20120001-EI, 20120002-EI & 20120007-EI.

Class of Capital	Retail Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	\$4,711,485,475	44.73%	10.50%	4.697%	7.646%
PS	3,931,532,102	37.33%	5.29%	1.975%	1.975%
LTD	102,874,989	0.98%	0.21%	0.002%	0.002%
STD	0	0.00%	0.00%	0.000%	0.000%
CD-Active	191,024,808	1.81%	2.26%	0.041%	0.041%
CD-Inactive	1,455,315	0.01%		0.000%	0.000%
ADIT	1,967,889	0.02%		0.000%	0.000%
FAS 109	1,772,932,910	16.83%		0.000%	0.000%
ITC	(180,390,549)	-1.71%		0.000%	0.000%
Total	\$10,532,882,939	100.00%		6.714%	9.664%
			Total Debt	2.018%	2.018%
			Total Equity	4.697%	7.646%

May 2017 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Dockets 20120001-EI, 20120002-EI & 20120007-EI.

Schedule

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CT-2, Page 2, Lines 1 -9

CT-2, Page 2, Lines 10-18

CT-2, Pages 3 - 6

CT-3, Page 7

CT-3, Pages 8 - 9

CT-4, Pages 10 - 14

CT-5, Page 15

CT-6, Pages 16 - 22

Appendix A

Sponsored By

Renae B. Deaton

Anita Sharma

Renae B. Deaton

Anita Sharma

Anita Sharma

Renae B. Deaton

Renae B. Deaton

Anita Sharma

Anita Sharma

Anita Sharma

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170002-EG EXHIBIT: 4
PARTY: FLORIDA POWER & LIGHT COMPANY (Direct)
DESCRIPTION: Renae B. Deaton AS-1

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

SCHEDULE: CT-1

JANUARY THROUGH DECEMBER 2016

	Total
1. Actual End of Period True-up (CT-3, Page 8, Lines 7 and 8)	
2. Principal	\$14,185,648
3. Interest	\$55,000
Total Actual End of Period True-up	<u>\$14,240,648</u>
4. Less Actual/Estimated True-up	
5. Principal	\$6,341,013
6. Interest	\$33,064
Total Actual/Estimated True-up ⁽¹⁾	<u>\$6,374,077</u>
7. Final Net True-up	<u>\$7,866,571</u>

⁽¹⁾ Approved per Order No. PSC-16-0534-FOF-EG Issued November 22, 2016.

Note: () Reflects Underrecovery

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 2016

	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														
2. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3. 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	\$525,412
4. 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
5. 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	\$525,412
6. Less: Accumulated Depreciation ^(c)		\$232,057	\$240,814	\$249,571	\$258,327	\$267,084	\$275,841	\$284,598	\$293,355	\$302,112	\$310,869	\$319,625	\$328,382	\$337,139
8. Net Investment (Line 4 - 5)		\$293,355	\$284,598	\$275,841	\$267,084	\$258,327	\$249,571	\$240,814	\$232,057	\$223,300	\$214,543	\$205,786	\$197,029	\$188,273
9. Average Net Investment		\$288,976	\$280,220	\$271,463	\$262,706	\$253,949	\$245,192	\$236,435	\$227,678	\$218,922	\$210,165	\$201,408	\$192,651	
10. Return on Average Net Investment														
a. Equity Component ^(b)		\$1,161	\$1,126	\$1,090	\$1,055	\$1,020	\$985	\$967	\$931	\$895	\$860	\$824	\$788	\$11,702
b. Equity Component grossed up for taxes (Line 8a/.61425)		\$1,890	\$1,832	\$1,775	\$1,718	\$1,661	\$1,603	\$1,574	\$1,516	\$1,458	\$1,399	\$1,341	\$1,283	\$19,050
c. Debt Component (Line 7 * debt rate * 1/12)		\$359	\$348	\$337	\$326	\$315	\$305	\$274	\$264	\$254	\$244	\$234	\$224	\$3,485
11. Total Return Requirements (Line 8b + 8c)		\$2,249	\$2,180	\$2,112	\$2,044	\$1,976	\$1,908	\$1,849	\$1,780	\$1,712	\$1,643	\$1,575	\$1,506	\$22,535
12. Total Depreciation & Return (Line 3 + 9)		\$11,005	\$10,937	\$10,869	\$10,801	\$10,733	\$10,665	\$10,606	\$10,537	\$10,469	\$10,400	\$10,332	\$10,263	\$127,617

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

^(b) Monthly Equity Component for Jan-Dec 2016 period is 4.8201% based on the May 2015 Earnings Surveillance and reflects a 10.5% return on equity per PSC Order No. PSC-12-0425-PAA-EU

^(c) Monthly Debt Component for Jan-Dec is 1.4904% based on the May 2015 Earnings Surveillance Report and reflects a 10.5% ROE per FPSC 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: CT-4

JANUARY THROUGH DECEMBER 2016

	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. 6 & 11)														
2. Investment (Net of Retirements)		\$200,687	\$1,196,518	(\$59,001)	(\$30,930)	\$1,955,204	(\$7,228,678)	\$844,252	\$915,710	\$856,406	\$753,835	\$479,866	\$945,083	\$828,952
3. Depreciation Base		\$31,277,282	\$32,473,800	\$32,414,799	\$32,383,870	\$34,339,074	\$27,110,396	\$27,954,648	\$28,870,358	\$29,726,764	\$30,480,599	\$30,960,465	\$31,905,548	N/A
4. Depreciation Expense ^(a)		\$519,616	\$531,259	\$540,738	\$539,989	\$556,025	\$512,079	\$458,875	\$473,542	\$488,309	\$501,728	\$512,009	\$523,883	\$6,158,052
5. Cumulative Investment (Line 2)	\$31,076,596	\$31,277,282	\$32,473,800	\$32,414,799	\$32,383,870	\$34,339,074	\$27,110,396	\$27,954,648	\$28,870,358	\$29,726,764	\$30,480,599	\$30,960,465	\$31,905,548	
6. Less: Accumulated Depreciation		\$14,894,587	\$15,352,008	\$15,883,268	\$16,361,190	\$16,876,895	\$17,388,149	\$9,856,415	\$10,268,555	\$10,603,610	\$11,090,809	\$11,492,697	\$11,844,340	N/A
8. Net Investment (Line 4 - 5)		\$16,182,009	\$15,925,274	\$16,590,533	\$16,053,610	\$15,506,974	\$16,950,924	\$17,253,981	\$17,686,093	\$18,266,748	\$18,635,956	\$18,987,903	\$19,116,125	\$19,575,727
9. Average Net Investment		\$16,053,641	\$16,257,903	\$16,322,071	\$15,780,292	\$16,228,949	\$17,102,453	\$17,470,037	\$17,976,420	\$18,451,352	\$18,811,929	\$19,052,014	\$19,345,926	
10. Return on Average Net Investment														
a. Equity Component ^(b)		\$64,484	\$65,305	\$65,562	\$63,386	\$65,188	\$68,697	\$71,449	\$73,520	\$75,462	\$76,937	\$77,919	\$79,121	\$847,032
b. Equity Component grossed up for taxes (Line 8a/.61425)		\$104,980	\$106,316	\$106,736	\$103,193	\$106,127	\$111,839	\$116,319	\$119,691	\$122,853	\$125,254	\$126,852	\$128,809	\$1,378,969
c. Debt Component (Line 7 * debt rate * 1/12) ^(c)		\$19,939	\$20,192	\$20,272	\$19,599	\$20,156	\$21,241	\$20,281	\$20,869	\$21,420	\$21,839	\$22,117	\$22,459	\$250,385
11. Total Return Requirements (Line 8b + 8c)		\$124,919	\$126,509	\$127,008	\$122,792	\$126,283	\$133,080	\$136,600	\$140,559	\$144,273	\$147,092	\$148,970	\$151,268	\$1,629,353
12. Total Depreciation & Return (Line 3 + 9)		\$644,535	\$657,768	\$667,746	\$662,781	\$682,308	\$645,159	\$595,475	\$614,101	\$632,582	\$648,820	\$660,979	\$675,151	\$7,787,405
Allocation of Depreciation and Return on Investment Between Programs														
<u>Residential On Call Program No. 6 (95.1%)</u>														
Depreciation (Prog #6)		\$494,674	\$505,759	\$514,783	\$514,069	\$529,335	\$487,499	\$436,849	\$450,812	\$464,871	\$477,645	\$487,432	\$498,737	\$5,862,466
Return (Prog #6)		\$118,345	\$119,858	\$120,333	\$116,320	\$119,644	\$126,114	\$129,462	\$133,232	\$136,767	\$139,451	\$141,238	\$143,426	\$1,544,191
Total (Prog #6)		\$613,019	\$625,617	\$635,116	\$630,389	\$648,979	\$613,614	\$566,312	\$584,043	\$601,638	\$617,096	\$628,671	\$642,163	\$7,406,657
<u>Business On Call Program No. 11 (4.9%)</u>														
Depreciation (Prog #11)		\$24,942	\$25,500	\$25,955	\$25,919	\$26,689	\$24,580	\$22,026	\$22,730	\$23,439	\$24,083	\$24,576	\$25,146	\$295,587
Return (Prog #11)		\$6,574	\$6,650	\$6,674	\$6,472	\$6,640	\$6,966	\$7,138	\$7,328	\$7,506	\$7,641	\$7,731	\$7,842	\$85,162
Total (Prog #11)		\$31,516	\$32,151	\$32,630	\$32,392	\$33,329	\$31,546	\$29,164	\$30,058	\$30,945	\$31,724	\$32,308	\$32,988	\$380,749
<u>Total</u>														
Depreciation		\$519,616	\$531,259	\$540,738	\$539,989	\$556,025	\$512,079	\$458,875	\$473,542	\$488,309	\$501,728	\$512,009	\$523,883	\$6,158,052
Return		\$124,919	\$126,509	\$127,008	\$122,792	\$126,283	\$133,080	\$136,600	\$140,559	\$144,273	\$147,092	\$148,970	\$151,268	\$1,629,353
Total		\$644,535	\$657,768	\$667,746	\$662,781	\$682,308	\$645,159	\$595,475	\$614,101	\$632,582	\$648,820	\$660,979	\$675,151	\$7,787,405

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

^(b) Monthly Equity Component for Jan-Dec 2016 period is 4.8201% based on the May 2015 Earnings Surveillance and reflects a 10.5% return on equity per PSC Order No. PSC-12-0425-PAA-EU

^(c) Monthly Debt Component for Jan-Dec is 1.4904% based on the May 2015 Earnings Surveillance Report and reflects a 10.5% ROE per FPSC 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: CT-4

JANUARY THROUGH DECEMBER 2016

	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
16. Common Expenses														
2. Investment (Net of Retirements)		\$5,682	(\$5,562)	\$0	\$341,589	(\$4,923,145)	\$0	(\$1,309,890)	(\$7,089)	\$121,962	\$385,731	\$0	\$128,316	(\$5,262,405)
3. Depreciation Base		\$10,765,852	\$10,760,290	\$10,760,290	\$11,101,879	\$6,178,734	\$6,178,734	\$4,868,844	\$4,861,755	\$4,983,717	\$5,369,448	\$5,369,448	\$5,497,764	
4. Depreciation Expense ^(a)		\$179,478	\$179,199	\$179,338	\$141,159	\$102,979	\$92,002	\$81,094	\$81,096	\$81,315	\$85,439	\$89,491	\$90,560	\$1,383,151
5. Cumulative Investment (Line 2)	\$10,760,170	\$10,765,852	\$10,760,290	\$10,760,290	\$11,101,879	\$6,178,734	\$6,178,734	\$4,868,844	\$4,861,755	\$4,983,717	\$5,369,448	\$5,369,448	\$5,497,764	
6. Less: Accumulated Depreciation	\$7,834,051	\$8,013,529	\$8,192,728	\$8,372,066	\$8,513,225	\$3,693,058	\$3,785,061	\$2,548,983	\$2,630,079	\$2,711,394	\$2,709,411	\$2,798,902	\$2,889,462	
8. Net Investment (Line 4 - 5)	\$2,926,119	\$2,752,323	\$2,567,562	\$2,388,224	\$2,588,655	\$2,485,676	\$2,393,673	\$2,319,860	\$2,231,676	\$2,272,323	\$2,660,037	\$2,570,546	\$2,608,302	
9. Average Net Investment		\$2,839,221	\$2,659,942	\$2,477,893	\$2,488,439	\$2,537,165	\$2,439,674	\$2,356,767	\$2,275,768	\$2,251,999	\$2,466,180	\$2,615,292	\$2,589,424	
10. Return on Average Net Investment														
a. Equity Component ^(b)		\$11,405	\$10,684	\$9,953	\$9,996	\$10,191	\$9,800	\$9,639	\$9,307	\$9,210	\$10,086	\$10,696	\$10,590	\$121,558
b. Equity Component grossed up for taxes (Line 8a/.61425)		\$18,567	\$17,394	\$16,204	\$16,273	\$16,591	\$15,954	\$15,692	\$15,153	\$14,994	\$16,420	\$17,413	\$17,241	\$197,896
c. Debt Component (Line 7 * debt rate * 1/12) ^(c)		\$3,526	\$3,304	\$3,078	\$3,091	\$3,151	\$3,030	\$2,736	\$2,642	\$2,614	\$2,863	\$3,036	\$3,006	\$36,077
11. Total Return Requirements (Line 8b + 8c)		\$22,093	\$20,698	\$19,281	\$19,363	\$19,743	\$18,984	\$18,428	\$17,794	\$17,609	\$19,283	\$20,449	\$20,247	\$233,973
12. Total Depreciation & Return (Line 3 + 9)		\$201,571	\$199,897	\$198,620	\$160,522	\$122,721	\$110,986	\$99,522	\$98,890	\$98,924	\$104,723	\$109,940	\$110,807	\$1,617,123

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

^(b) Monthly Equity Component for Jan-Dec 2016 period is 4.8201% based on the May 2015 Earnings Surveillance and reflects a 10.5% return on equity per PSC Order No. PSC-12-0425-PAA-EU

^(c) Monthly Debt Component for Jan-Dec is 1.4904% based on the May 2015 Earnings Surveillance Report and reflects a 10.5% ROE per FPSC 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: CT-4

JANUARY THROUGH DECEMBER 2016

	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
17. Business Photovoltaic for Schools Pilot														
2. Investment (Net of Retirements)		\$0	\$66	(\$662,253)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$662,187)
3. Depreciation Base		\$9,847,295	\$9,847,361	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	
4. Depreciation Expense		\$164,122	\$164,122	\$158,604	\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$1,864,614
5. Cumulative Investment (Line 2)	\$9,847,295	\$9,847,295	\$9,847,361	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	
6. Less: Accumulated Depreciation	\$3,019,099	\$3,183,221	\$3,347,343	\$2,843,760	\$2,996,845	\$3,149,930	\$3,303,015	\$3,456,101	\$3,609,186	\$3,762,271	\$3,915,356	\$4,068,441	\$4,221,526	
8. Net Investment (Line 4 - 5)	\$6,828,196	\$6,664,074	\$6,500,018	\$6,341,348	\$6,188,263	\$6,035,178	\$5,882,093	\$5,729,008	\$5,575,923	\$5,422,838	\$5,269,752	\$5,116,667	\$4,963,582	
9. Average Net Investment		\$6,746,135	\$6,582,046	\$6,420,683	\$6,264,806	\$6,111,721	\$5,958,636	\$5,805,550	\$5,652,465	\$5,499,380	\$5,346,295	\$5,193,210	\$5,040,125	
10. Return on Average Net Investment														
a. Equity Component		\$27,098	\$26,439	\$25,791	\$25,164	\$24,550	\$23,935	\$23,744	\$23,117	\$22,491	\$21,865	\$21,239	\$20,613	\$286,046
b. Equity Component grossed up for taxes (Line 8a/.61425)		\$44,115	\$43,042	\$41,987	\$40,968	\$39,967	\$38,966	\$38,655	\$37,635	\$36,616	\$35,597	\$34,577	\$33,558	\$465,683
c. Debt Component (Line 7 * debt rate * 1/12)		\$8,379	\$8,175	\$7,974	\$7,781	\$7,591	\$7,401	\$6,740	\$6,562	\$6,384	\$6,207	\$6,029	\$5,851	\$85,073
11. Total Return Requirements (Line 8b + 8c)		\$52,494	\$51,217	\$49,962	\$48,749	\$47,557	\$46,366	\$45,394	\$44,197	\$43,000	\$41,803	\$40,606	\$39,409	\$550,756
12. Total Depreciation & Return (Line 3 + 9)		\$216,616	\$215,339	\$208,566	\$201,834	\$200,643	\$199,451	\$198,479	\$197,282	\$196,085	\$194,888	\$193,691	\$192,494	\$2,415,370

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

^(b) Monthly Equity Component for Jan-Dec 2016 period is 4.8201% based on the May 2015 Earnings Surveillance and reflects a 10.5% return on equity per PSC Order No. PSC-12-0425-PAA-EU

^(c) Monthly Debt Component for Jan-Dec is 1.4904% based on the May 2015 Earnings Surveillance Report and reflects a 10.5% ROE per FPSC 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: CT-4

JANUARY THROUGH DECEMBER 2016

	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
18. Solar Pilot Projects Common Expenses														
2. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3. 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	
4. 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
5. 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	
6. 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	
8. 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	
9. 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	
10. Return on Average Net Investment														
a. Equity Component ^(b)		\$1,754	\$1,637	\$1,520	\$1,403	\$1,286	\$1,169	\$1,072	\$952	\$833	\$714	\$595	\$476	\$13,413
b. Equity Component grossed up for taxes (Line 8a/.61425)		\$2,855	\$2,665	\$2,475	\$2,284	\$2,094	\$1,904	\$1,744	\$1,551	\$1,357	\$1,163	\$969	\$775	\$21,837
c. Debt Component (Line 7 * debt rate * 1/12) ^(c)		\$542	\$506	\$470	\$434	\$398	\$362	\$304	\$270	\$237	\$203	\$169	\$135	\$4,030
11. Total Return Requirements (Line 8b + 8c)		\$3,398	\$3,171	\$2,945	\$2,718	\$2,492	\$2,265	\$2,049	\$1,821	\$1,593	\$1,366	\$1,138	\$910	\$25,866
12. Total Depreciation & Return (Line 3 + 9)		\$32,509	\$32,282	\$32,056	\$31,829	\$31,603	\$31,376	\$31,159	\$30,932	\$30,704	\$30,477	\$30,249	\$30,021	\$375,196

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

^(b) Monthly Equity Component for Jan-Dec 2016 period is 4.8201% based on the May 2015 Earnings Surveillance and reflects a 10.5% return on equity per PSC Order No. PSC-12-0425-PAA-EU

^(c) Monthly Debt Component for Jan-Dec is 1.4904% based on the May 2015 Earnings Surveillance Report and reflects a 10.5% ROE per FPSC Order PSC-12-0425-PAA-EU.

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 2016

ACTUAL V. ACTUAL/ESTIMATE FOR THE PERIOD	Actual	Actual/Estimated (1)	Difference
1. Depreciation & Return	\$12,322,711	\$12,277,658	\$45,053
2. Payroll & Benefits	\$15,577,941	\$18,021,195	(\$2,443,254)
3. Materials & Supplies	\$242,305	(\$1,064,879)	\$1,307,184
4. Outside Services	\$8,833,643	\$9,430,622	(\$596,979)
5. Advertising	\$8,515,883	\$9,860,633	(\$1,344,750)
6. Rebates	\$109,520,823	\$112,717,308	(\$3,196,485)
7. Vehicles	\$264,781	\$287,389	(\$22,608)
8. Other	\$2,896,700	\$2,590,235	\$306,465
9. Total Adjusted Program Costs	\$158,174,787	\$164,120,161	(\$5,945,374)
10. ECCR Revenues (Net of Revenue Taxes)	\$190,318,396	\$188,419,135	\$1,899,261
11. Prior Period True-up (Collected)/Refunded this Period	(\$17,957,961)	(\$17,957,961)	\$0
12. Revenues Applicable to the Period (Line 10 + Line 11)	\$172,360,435	\$170,461,174	\$1,899,261
13. True-up Provision (Under)/Over Recovery - Current Period (Line 12 - Line 9)	\$14,185,648	\$6,341,013	\$7,844,635
14. Interest Provision (Under)/Over Recovery - Current Period	\$55,000	\$33,064	\$21,936
15. True-up and Interest Provision (Under)/Over Recovery - Beginning of Period	(\$17,957,961)	(\$17,957,961)	\$0
16. Deferred True-up from Prior Period	\$11,839,477	\$11,839,477	\$0
17. Prior Period True-up (Collected)/Refunded this Period	\$17,957,961	\$17,957,961	\$0
18. End of Period True-up Amount (Under)/Over Recovery	\$26,080,125	\$18,213,554	\$7,866,571

(1) Approved in order No. PSC-16-0534-FOF-EG issued November 22, 2016

Totals may not add due to rounding.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170002-EG EXHIBIT: 5
PARTY: FLORIDA POWER & LIGHT
COMPANY (Direct)
DESCRIPTION: Renae B. Deaton / A. Sharma
AS-1

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
CONSERVATION PROGRAM COSTS BY CATEGORY

SCHEDULE CT-2

January through December 2016

PROGRAM	Depreciation Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	TOTAL PROGRAM EXPENSES
1 Residential Home Energy Survey	\$127,617	\$3,004,574	\$28,127	\$1,772,166	\$6,081,797		\$207,073	\$519,747	\$11,741,102
2 Residential Ceiling Insulation		\$107,871	\$13	\$15,486		\$701,525		\$13,166	\$838,062
3 Residential Air Conditioning		\$1,033,280	\$3,108	\$140,153		\$4,000,200	\$51	\$48,505	\$5,225,297
4 Residential New Construction (BuildSmart®)		\$405,711		\$76,464		\$14,650		\$35,122	\$531,947
5 Residential Low-Income		\$228,208	\$30,686	\$20,977		\$31,871		\$99,272	\$411,014
6 Residential Load Management ("On Call")	\$7,406,657	(\$689,917)	\$143,443	\$4,603,947		\$36,082,603	\$16,953	\$647,883	\$48,211,569
7 Business Energy Evaluation		\$4,023,888	\$10,037	\$1,079,014	\$2,434,086		\$19,818	\$369,308	\$7,936,151
8 Business Lighting		\$132,375		\$44,613		\$127,501		\$7,205	\$311,695
9 Business Heating, Ventilating & AC		\$362,338	\$309	\$165,563		\$5,218,607		\$19,718	\$5,766,534
10 Business Custom Incentive		\$64,924	\$75	\$0		\$568,487		\$4,245	\$637,731
11 Business On Call	\$380,749	(\$24,669)		\$110,521		\$3,312,355		\$39,672	\$3,818,627
12 Commercial/Industrial Load Control		\$200,277	\$9,218	\$26,178		\$40,090,040		\$36,548	\$40,362,262
13 Commercial/Industrial Demand Reduction		\$243,677	\$2,847	\$16,123		\$19,115,684		\$56,448	\$19,434,778
14 Cogeneration & Small Power Production		\$511,891	\$894	\$0				(\$163,947)	\$348,838
15 Conservation Research & Development		\$32,048		\$67,030				\$22,227	\$121,304
16 Common Expenses	\$1,617,123	\$5,934,962	\$13,547	\$695,409			\$20,886	\$1,141,559	\$9,423,486
17 Business Photovoltaic for Schools Pilot	\$2,415,370	\$2,780							\$2,418,150
18 Solar Pilot Projects Common Expenses	\$375,196								\$375,196
19 Discontinued Programs ⁽¹⁾		\$3,721				\$257,301		\$23	\$261,045
20 Recoverable Conservation Expenses	\$12,322,711	\$15,577,941	\$242,305	\$8,833,643	\$8,515,883	\$109,520,823	\$264,781	\$2,896,700	\$158,174,787

Note: Totals may not add due to rounding.

(1)Residual expenses from programs discontinued in 2015

FLORIDA POWER & LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
CONSERVATION PROGRAM COSTS
VARIANCE BY PROJECT

SCHEDULE: CT-2

JANUARY THROUGH DECEMBER 2016

PROGRAM TITLE	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	Total
1. Residential Home Energy Survey	(\$0)	(\$564,241)	\$21,934	\$307,787	(\$876,657)		(\$11,416)	\$203,092	(\$919,500)
2. Residential Ceiling Insulation		\$4,284	\$1	\$2,276		\$53,025		(\$2,877)	\$56,709
3. Residential Air Conditioning		(\$172,421)	\$314	(\$8,962)		(\$836,386)	\$34	(\$52,169)	(\$1,069,590)
4. Residential New Construction (BuildSmart®)		\$17,772		\$8,488		\$5,575		(\$8,712)	\$23,123
5. Residential Low-Income		\$23,202	\$7,410	(\$31,686)		(\$108,499)	(\$0)	\$25,179	(\$84,394)
6. Residential Load Management ("On Call")	\$8,574	(\$1,336,561)	\$1,118,730	(\$704,291)	(\$25,089)	(\$633,220)	(\$3,368)	\$96,345	(\$1,478,880)
7. Business Energy Evaluation		(\$148,762)	\$3,540	\$99,649	(\$442,854)		(\$8,344)	\$14,684	(\$482,086)
8. Business Lighting		\$66		\$7,579		(\$40,744)		\$1,716	(\$31,383)
9. Business Heating, Ventilating & A/C		(\$11,956)	\$31	\$47,226	(\$150)	(\$51,100)	(\$0)	(\$29,408)	(\$45,357)
10. Business Custom Incentive		\$103	\$53			(\$89,263)		(\$355)	(\$89,462)
11. Business On Call	\$4,093	(\$75,437)	\$146,000	(\$5,611)		(\$162,180)	(\$129)	\$13,577	(\$79,687)
12. Commercial/Industrial Load Control		(\$3,296)	\$1,221	(\$1,673)		(\$807,244)	(\$23)	(\$5,970)	(\$816,984)
13. Commercial/Industrial Demand Reduction		(\$14,474)	(\$2,101)	(\$5,447)		(\$524,849)	(\$23)	(\$6,725)	(\$553,618)
14. Cogeneration & Small Power Production		(\$18,873)	\$894	(\$1,750)				\$13,269	(\$6,460)
15. Conservation Research & Development		(\$194)		(\$154,931)				\$20,623	(\$134,502)
16. Common Expenses	\$32,386	(\$142,467)	\$9,156	(\$115,381)			\$661	\$24,194	(\$191,451)
17. Business Photovoltaic for Schools Pilot	(\$0)			(\$40,251)				\$1	(\$40,250)
18. Solar Pilot Projects Common Expenses	\$0								\$0
19. Discontinued Programs ⁽¹⁾						(\$1,601)		(\$0)	(\$1,601)
20. Recoverable Conservation Expenses	\$45,054	(\$2,443,254)	\$1,307,184	(\$596,979)	(\$1,344,750)	(\$3,196,485)	(\$22,608)	\$306,465	(\$5,945,374)

Note: Totals may not add due to rounding.

(1) Residual expenses from programs discontinued in 2015

Energy Conservation Cost Recovery (ECCR) Account Numbers
For the Period: January through December 2016

Program Title	Account
1. Residential Home Energy Survey	408172
	907100
	908110
	909101
	910100
	925112
2. Residential Ceiling Insulation	926211
	408172
	908110
	925112
	926211
3. Residential Air Conditioning	910100
	408172
	907100
	908110
	910100
4. Residential New Construction (BuildSmart®)	925112
	926211
	408172
	908110
5. Residential Low Income	925112
	926211
	907100
	408172
	908110
6. Residential Load Management ("On Call")	910100
	408100
	408172
	582000
	587200
	592800
	598140
	907100
	908110
	910100
	925103
	925112
	926000
926211	
7. Business Energy Evaluation	408172
	907100
	908110
	909101
	910100
	925112
	926211
8. Business Lighting	408172
	908110
	925112
	926211
9. Business HVAC	408172
	908110
	925112
	926211
10. Business Custom Incentive	408172
	908110
	925112
	926211
11. Business On Call	408172
	587200
	598140
	908110
	925112
	926211

Energy Conservation Cost Recovery (ECCR) Account Numbers
For the Period: January through December 2016

Program Title	Account
12. Commercial/Industrial Load Control	408172
	908110
	925112
	926211
13. C/I Demand Reduction	408172
	908110
	925112
	926211
14. Cogeneration & Small Power Production	408172
	908110
	925112
	926211
15. Conservation Research & Development	408172
	907100
	910100
	925112
16. Common Expenses	926211
	408172
	907100
	908110
	910100
17. Business Photovoltaic for Schools Pilot	925112
	408172
	908110
	926211
19. Discontinued	408172
	908110
	925112
	926211

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

SCHEDULE: CT-3

JANUARY THROUGH DECEMBER 2016

PROGRAM TITLE	Monthly Data												Twelve Month Amount
	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	
1. Residential Home Energy Survey	\$328,872	\$667,904	\$477,480	\$400,619	\$369,158	\$497,046	\$2,311,704	\$904,353	\$2,041,115	\$552,720	\$1,974,416	\$1,215,714	\$11,741,102
2. Residential Ceiling Insulation	\$60,024	\$82,742	\$42,944	\$46,756	\$52,707	\$65,966	\$98,357	\$150,128	\$72,065	\$44,489	\$72,233	\$49,650	\$838,062
3. Residential Air Conditioning	\$509,578	\$384,013	\$296,064	\$432,912	\$494,419	\$465,329	\$585,716	\$557,028	\$532,714	\$326,229	\$361,723	\$279,572	\$5,225,297
4. Residential New Construction (BuildSmart®)	\$38,408	\$49,496	\$61,320	\$50,454	\$42,257	\$33,826	\$41,288	\$45,504	\$43,186	\$41,046	\$38,286	\$46,878	\$531,947
5. Residential Low-Income Weatherization	\$14,677	\$83,466	\$26,998	\$36,319	\$41,903	\$33,144	\$18,112	\$13,251	\$17,627	\$48,402	\$43,580	\$33,535	\$411,014
6. Residential Load Management ("On Call")	\$3,011,442	\$2,837,063	\$3,484,958	\$4,505,792	\$4,470,932	\$4,899,609	\$4,834,533	\$4,543,175	\$4,722,937	\$4,445,263	\$3,426,009	\$3,029,854	\$48,211,569
7. Business Energy Evaluation	\$398,014	\$549,533	\$417,211	\$411,365	\$424,894	\$410,477	\$1,052,415	\$617,071	\$1,554,814	\$481,088	\$1,180,121	\$439,148	\$7,936,152
8. Business Lighting	\$6,688	\$17,911	\$31,338	\$10,091	\$21,955	\$24,014	\$34,703	\$83,689	\$23,114	\$14,779	\$21,880	\$21,533	\$311,695
9. Business Heating, Ventilating & A/C	\$81,749	\$230,270	\$1,578,194	\$275,901	\$960,630	\$253,331	(\$254,325)	\$165,754	\$142,680	\$160,702	\$1,917,109	\$254,542	\$5,766,534
10. Business Custom Incentive	\$4,375	\$5,210	\$26,768	\$12,362	\$139,925	\$6,070	\$12,991	\$291,848	\$6,793	\$5,361	\$119,735	\$6,293	\$637,731
11. Business On Call	\$40,913	\$40,366	\$59,761	\$521,397	\$532,684	\$528,704	\$541,910	\$515,804	\$513,017	\$506,397	(\$34,806)	\$52,480	\$3,818,627
12. Commercial/Industrial Load Control	\$2,630,885	\$2,942,905	\$2,485,676	\$2,724,274	\$2,888,572	\$6,061,715	\$3,602,592	\$3,632,848	\$3,002,114	\$2,789,320	\$2,570,839	\$5,030,521	\$40,362,262
13. Commercial/Industrial Demand Reduction	\$1,358,055	\$1,286,541	\$1,322,499	\$1,544,637	\$1,695,371	\$1,808,216	\$1,882,402	\$1,892,323	\$1,857,276	\$1,786,705	\$1,544,457	\$1,456,296	\$19,434,778
14. Cogeneration & Small Power Production	\$33,992	\$24,763	\$34,111	\$27,892	\$31,288	\$28,503	\$27,094	\$32,255	\$29,794	\$24,467	\$27,631	\$27,049	\$348,838
15. Conservation Research & Development	\$3,077	\$3,269	\$16,691	\$3,170	\$3,333	\$53,808	\$22,728	\$3,092	\$3,032	\$3,141	\$2,592	\$3,370	\$121,304
16. Common Expenses	\$794,712	\$942,037	\$899,580	\$737,332	\$747,145	\$742,732	\$688,593	\$724,924	\$712,994	\$776,536	\$803,840	\$853,059	\$9,423,486
17. Business Photovoltaic for Schools Pilot	\$220,897	\$215,339	\$247,316	\$201,834	\$200,643	\$199,450	\$198,479	\$197,282	\$196,085	\$154,638	\$193,691	\$192,494	\$2,418,150
18. Solar Pilot Projects Common Expenses	\$32,509	\$32,282	\$32,056	\$31,829	\$31,603	\$31,376	\$31,159	\$30,932	\$30,704	\$30,477	\$30,249	\$30,021	\$375,196
19. Discontinued Programs ⁽¹⁾	19,979.88	5,823.15	237,689.13	(284.92)	798.64	(1,359.51)	(1,601.00)	5.75	(6.23)	0.00	0.00	0.00	261,045
20. Recoverable Conservation Expenses	\$9,588,845	\$10,400,935	\$11,778,651	\$11,974,653	\$13,150,217	\$16,141,957	\$15,728,852	\$14,401,267	\$15,502,055	\$12,191,759	\$14,293,586	\$13,022,011	\$158,174,787

(1)Residual expenses from programs discontinued in 2015

Totals may not add due to rounding.

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

SCHEDULE: CT-3

JANUARY THROUGH DECEMBER 2016

	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)	\$14,727,751	\$12,986,447	\$13,698,928	\$14,699,130	\$15,347,672	\$17,323,095	\$19,292,348	\$19,077,990	\$18,508,521	\$16,646,709	\$14,069,290	\$13,940,515	\$190,318,396
3. Total Revenues	\$14,727,751	\$12,986,447	\$13,698,928	\$14,699,130	\$15,347,672	\$17,323,095	\$19,292,348	\$19,077,990	\$18,508,521	\$16,646,709	\$14,069,290	\$13,940,515	\$190,318,396
4. Adjustment Not Applicable To Period - Prior True-up	(\$1,496,497)	(\$1,496,497)	(\$1,496,497)	(\$1,496,497)	(\$1,496,497)	(\$1,496,497)	(\$1,496,497)	(\$1,496,497)	(\$1,496,497)	(\$1,496,497)	(\$1,496,497)	(\$1,496,497)	(\$17,957,961)
5. Conservation Revenues Applicable To Period (Line B3 + B4)	\$13,231,254	\$11,489,950	\$12,202,432	\$13,202,634	\$13,851,175	\$15,826,598	\$17,795,851	\$17,581,493	\$17,012,024	\$15,150,213	\$12,572,793	\$12,444,018	\$172,360,435
6. Conservation Expenses (From CT-3, Page 7, Line 20)	\$9,588,845	\$10,400,935	\$11,778,651	\$11,974,653	\$13,150,217	\$16,141,957	\$15,728,852	\$14,401,267	\$15,502,055	\$12,191,759	\$14,293,585	\$13,022,011	\$158,174,787
7. True-up This Period (Line B5 - Line B6)	\$3,642,410	\$1,089,016	\$423,780	\$1,227,981	\$700,958	(\$315,359)	\$2,066,999	\$3,180,227	\$1,509,969	\$2,958,453	(\$1,720,793)	(\$577,993)	\$14,185,648
8. Interest Provision For The Month (From CT-3, Page 9, Line C10)	(\$1,183)	\$107	\$919	\$1,589	\$2,144	\$2,788	\$3,853	\$5,439	\$7,189	\$9,251	\$10,100	\$12,804	\$55,000
9. True-up & Interest Provision Beginning of Month	(\$17,957,961)	(\$12,820,238)	(\$10,234,618)	(\$8,313,422)	(\$5,587,356)	(\$3,387,757)	(\$2,203,832)	\$1,363,518	\$6,045,680	\$9,059,335	\$13,523,536	\$13,309,340	(\$17,957,961)
9a. Deferred True-up Beginning of Period	\$11,839,477	\$11,839,477	\$11,839,477	\$11,839,477	\$11,839,477	\$11,839,477	\$11,839,477	\$11,839,477	\$11,839,477	\$11,839,477	\$11,839,477	\$11,839,477	\$11,839,477
10. Prior True-up Collected/(Refunded)	\$1,496,497	\$1,496,497	\$1,496,497	\$1,496,497	\$1,496,497	\$1,496,497	\$1,496,497	\$1,496,497	\$1,496,497	\$1,496,497	\$1,496,497	\$1,496,497	\$17,957,961
11. End of Period True-up - Over/(Under) Recovery (Line B7+B8+B9+B9a+B10)	(\$980,761)	\$1,604,859	\$3,526,055	\$6,252,121	\$8,451,720	\$9,635,645	\$13,202,995	\$17,885,157	\$20,898,812	\$25,363,013	\$25,148,817	\$26,080,125	\$26,080,125

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

SCHEDULE: CT-3

JANUARY THROUGH DECEMBER 2016

	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)	(\$6,118,484)	(\$980,761)	\$1,604,859	\$3,526,055	\$6,252,121	\$8,451,720	\$9,635,645	\$13,202,995	\$17,885,157	\$20,898,812	\$25,363,013	\$25,148,817	\$124,869,949
2. Ending True-up Amount Before Interest (Line B7+B9+B9a+B10)	(\$979,578)	\$1,604,752	\$3,525,136	\$6,250,532	\$8,449,576	\$9,632,858	\$13,199,141	\$17,879,718	\$20,891,623	\$25,353,762	\$25,138,717	\$26,067,321	\$157,013,558
3. Total of Beginning & Ending True-up (Line C1+C2)	(\$7,098,062)	\$623,991	\$5,129,994	\$9,776,587	\$14,701,697	\$18,084,578	\$22,834,787	\$31,082,713	\$38,776,780	\$46,252,575	\$50,501,729	\$51,216,138	\$281,883,507
4. Average True-up Amount (50% of Line C3)	(\$3,549,031)	\$311,996	\$2,564,997	\$4,888,294	\$7,350,848	\$9,042,289	\$11,417,393	\$15,541,356	\$19,388,390	\$23,126,287	\$25,250,865	\$25,608,069	\$140,941,754
5. Interest Rate - First Day of Reporting Business Month	0.40000%	0.40000%	0.42000%	0.44000%	0.34000%	0.36000%	0.38000%	0.43000%	0.41000%	0.48000%	0.48000%	0.48000%	N/A
6. Interest Rate - First day of Subsequent Business Month	0.40000%	0.42000%	0.44000%	0.34000%	0.36000%	0.38000%	0.43000%	0.41000%	0.48000%	0.48000%	0.48000%	0.72000%	N/A
7. Total (Line C5 + C6)	0.80000%	0.82000%	0.86000%	0.78000%	0.70000%	0.74000%	0.81000%	0.84000%	0.89000%	0.96000%	0.96000%	1.20000%	N/A
8. Average Interest Rate (50% of Line C7)	0.40000%	0.41000%	0.43000%	0.39000%	0.35000%	0.37000%	0.40500%	0.42000%	0.44500%	0.48000%	0.48000%	0.60000%	N/A
9. Monthly Average Interest Rate (Line C8 / 12)	0.03333%	0.03417%	0.03583%	0.03250%	0.02917%	0.03083%	0.03375%	0.03500%	0.03708%	0.04000%	0.04000%	0.05000%	N/A
10. Interest Provision for the Month (Line C4 x C9)	(\$1,183)	\$107	\$919	\$1,589	\$2,144	\$2,788	\$3,853	\$5,439	\$7,189	\$9,251	\$10,100	\$12,804	\$55,000

Totals may not add due to rounding.

() Reflects Under-recovery

N/A = Not applicable

Reconciliation and Explanation of
Differences between Filing and FPSC Audit
Report for Months: January - December 2016

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

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170002-EG EXHIBIT: 6
PARTY: FLORIDA POWER & LIGHT
COMPANY (Direct)
DESCRIPTION: Anita Sharma AS-1

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

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 Ceiling Insulation

This program encourages customers to improve the home's thermal efficiency.

3. Residential Air-Conditioning

This program encourages customers to install high-efficiency central air-conditioning systems.

4. Residential New Construction (BuildSmart®)

This program encourages builders and developers to design and construct new homes that achieve BuildSmart® certification and move towards ENERGY STAR® qualifications.

5. Residential Low Income

This program assists low income customers through state Weatherization Assistance Provider ("WAP") agencies and FPL-conducted Energy Retrofits.

6. 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.

7. 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

8. Business Lighting

This program encourages customers to install high-efficiency lighting systems.

9. Business Heating, Ventilating and Air Conditioning (HVAC)

This program encourages customers to install high-efficiency HVAC systems.

10. Business Custom Incentive (BCI)

This program encourages customers to install unique high-efficiency technologies not covered by other FPL DSM programs.

11. Business On Call

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

FPL DSM Program & Pilot Descriptions (cont'd)**12. 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.

13. 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.

14. Cogeneration and Small Power Production

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

15. Conservation Research & Development (CRD) Project

Under this project, FPL conducts 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.

16. Common Expenses

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

17. Business PV for Schools Pilot

Under this pilot, FPL installed photovoltaic (PV) systems and provided 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 issues of PV. There will be capital depreciation and return costs for this pilot until 2021 when ownership of the last PV systems is transferred to the respective customers.

18. Solar Pilot Project Common Expenses

For administrative efficiency, this included all costs that were not specific to a particular solar pilot. Costs are for residual capital depreciation and return costs associated with computer systems which supported the discontinued solar pilots.

Discontinued Programs

These programs from FPL's previously approved DSM Plan that were discontinued in the current DSM Plan had residual cost which carried over into 2016.

Residential Duct System Testing and Repair

This program encouraged customers to repair air leaks identified in air-conditioning duct systems.

Business Building Envelope

This program encouraged customers to improve the thermal efficiency of their building structure.

Business Water Heating

This program encouraged customers to install high-efficiency water heating systems.

Business Refrigeration

This program encouraged customers to install high-efficiency refrigeration systems.

Residential Solar Water Heating Pilot

This pilot encouraged customers to install solar water heating systems.

Residential Photovoltaic (PV) Pilot

This pilot encouraged customers to install PV systems.

Renewable Research and Demonstration (RRD) Project

Under this project, FPL conducted a series of demonstrations and renewable technology research projects to increase customer awareness of solar technologies and to understand and quantify the effectiveness of emerging renewable technologies and their applications.

Florida Power & Light Company
Program Progress
January through December 2016

Pgm No	Program Title	Accomplishments		2016 Cost & Variance v. Actual/Estimate ⁽¹⁾
		2016	Inception through December 2016	
1	Residential Home Energy Survey	Participants = 112,878	Participants = 3,802,965	Total = \$11,741,102 Variance= (\$919,500)
2	Residential Ceiling Insulation	Participants = 3,909	Participants = 572,118	Total = \$838,062 Variance= \$56,709
3	Residential Air Conditioning	Participants = 26,574	Participants = 1,900,415	Total = \$5,225,297 Variance= (\$1,069,590)
4	Residential New Construction (BuildSmart®)	Participants = 2,399	Participants = 41,366	Total = \$531,947 Variance= \$23,123
5	Residential Low-Income	Participants = 1,054	Participants = 10,015	Total = \$411,014 Variance= (\$84,394)
6	Residential Load Management ("On Call")	Participants = 7,302	Participants = 809,757	Total = \$48,211,569 Variance= (\$1,478,880)
7	Business Energy Evaluation	Participants = 12,108	Participants = 227,485	Total = \$7,936,151 Variance= (\$482,086)
8	Business Efficient Lighting	kw = 1,724	Participants = 291,561	Total = \$311,695 Variance= (\$31,383)
9	Business Heating, Ventilating and Air-Conditioning	kW = 10,220	kW = 403,773	Total = \$5,766,534 Variance= (\$45,357)
10	Business Custom Incentive	kW = 2,953	kW = 52,582	Total = \$637,731 Variance= (\$89,462)
11	Business On-Call	kW = 2,811	kW = 49,629	Total = \$3,818,627 Variance= (\$79,687)
12	Commercial/Industrial Load Control (CILC)	Closed to new participants	MW = 460	Total = \$40,362,262 Variance= (\$816,984)
13	Commercial/Industrial Demand Reduction (CDR)	kW= 8,130	MW = 251	Total = \$19,434,778 Variance= (\$553,618)
14	Cogeneration & Small Power Production	Firm MW = 334 GWh Purchased = 902 Firm = 2; As Available = 10	MW Under Contract = 334 MW Committed = 334	Total = \$348,838 Variance= (\$6,460)
15	Conservation Research & Development	Not Applicable	Not Applicable	Total = \$121,304 Variance= (\$134,502)
16	Common Expenses	Not Applicable	Not Applicable	Total = \$9,423,486 Variance= (\$191,451)
17	Business Photovoltaic for Schools Pilot	Not Applicable	Not Applicable	Total = \$2,418,150 Variance= (\$40,250)
18	Solar Pilot Projects Common Expenses	Not Applicable	Not Applicable	Total = \$375,196 Variance= \$0
19	Discontinued ⁽²⁾	kW = 278	Not Applicable	Total = \$261,045 Variance= (\$1,601)

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

(2) Residual achievements and expenses from programs discontinued in 2015

kW and MW reduction are at the generator

Business Customer Incentive Cost Effectiveness Test Results
--

Customer	Rate Impact Test (RIM)	Total Resource Cost Test (TRC)	Participant Test
1	1.91	2.97	1.76
2	1.95	6.39	3.81
3	1.81	2.56	1.65
4	1.90	1.72	1.04
5	1.95	1.85	1.08
6	2.38	2.89	1.40
7	1.59	1.61	1.11
8	1.16	1.92	1.92
9	1.19	1.67	1.63
10	2.44	4.19	1.99
11	1.20	1.29	1.22
12	1.34	2.73	2.31
13	1.33	2.78	2.35
14	1.39	1.35	1.11
15	1.44	1.35	1.08
16	2.15	9.05	4.89
17	1.61	3.57	2.55
18	1.26	4.77	4.40

Customers that no longer participate on FPL's Commercial/Industrial Load Control (CILC) and Commercial/Industrial Demand Reduction Rates (January through December 2016)

<u>Customer Name</u>	<u>Effective Date</u>	<u>Prior Rate</u>	<u>Firm Rate</u>	<u>Remarks</u>
Customer No. 1	3/30/2016	CILC	GSDT-1	No Longer Qualifies for CILC
Customer No. 2	8/18/2016	CILC	HLFT-1	No Longer Qualifies for CILC
Customer No. 3	8/30/2016	CILC	GSD-1	No Longer Qualifies for CILC
Customer No. 4	9/28/2016	CILC	HLFT-3	EPA NESHAP Termination. In the best interests of the Customer, the Company and the Company's other Customers.
Customer No. 5	8/1/2016	CDR	Not Applicable	Account Final Billed
Customer No. 6	9/28/2016	CDR	GSDT-1	EPA NESHAP Termination. In the best interests of the Customer, the Company and the Company's other Customers.
Customer No. 7	10/7/2016	CDR	Not Applicable	Account Final Billed
Customer No. 8	10/7/2016	CDR	Not Applicable	Account Final Billed
Customer No. 9	10/19/2016	CDR	HLFT-1	No Longer Qualifies for CDR

Conservation Research & Development (CRD) Program

Deep Retrofits of Existing Homes (Building America Project – Phase II)

This was a continuation of the multi-year Building America project FPL co-funded with the U.S. Department of Energy in order to quantify and contrast the demand reductions, energy savings, and paybacks associated with “light” (e.g., efficient lighting, water heater tank insulation and shortened pool pump operating schedules) and “deep” (e.g., seasonal energy efficiency ratio 16 high efficiency HVAC units, heat pump water heaters, Energy Star® appliances, learning thermostats, etc.) energy efficiency retrofit measures for existing homes in Florida's climate. The final report was delivered in April, 2016 and will be used to assist customers in ranking the priority order of energy efficiency upgrades for their homes.

Load Management Software and Hardware Evaluations

This ongoing project is evaluating the potential benefits of implementing software and/or hardware upgrades for FPL's Residential Load Management program. FPL tested the new software's functionality, performance, compatibility with current load management systems, etc. The testing involved installing the new software as well as enabling communication equipment at sample substations. FPL also tested new transponders in a lab environment. FPL has completed Phase 1 which tested the functionality using its existing software. Phase 2 will test the transponders with the new software to identify any incremental benefits from the combination of the new transponders and new software.

Precision Temperature Monitoring Testing

This project is evaluating performance of precision temperature monitors (PTM) in homes along with data analysis services. The PTM measure changes in home temperature to determine building performance and other issues that affect a home's energy consumption. The PTM provide energy data via a mobile device and a report for use by FPL field representatives during a residential Home Energy Survey. FPL's initial testing resulted in device design modifications which the manufacturer has now completed and the evaluation will conclude in 2017. The analysis will include performance indicators for the building envelope, assessment of thermostat behavior and air conditioning sizing and apparent operational performance.

Electric Power Research Institute Technology Subscription

This Electric Power Research Institute (EPRI) research project produced an “EE Technology Readiness Guide” providing the participating utilities with a readiness assessment of technologies in various stages of development and enabling comparisons amongst them. This ongoing project includes technologies evaluated by multiple EPRI programs such as; the Technology Innovation program, the collaborative End-Use Energy Efficiency and Demand Response research program, etc. Participation allows FPL to cost-efficiently gain this information by leveraging co-funding with other utilities.

APPENDIX A

Business 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 \$/kWh
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
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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 available)	\$140 Savings (\$20/month X 7 Months)

Business Load Control Savings	\$140
--------------------------------------	--------------

Total Savings	\$538
----------------------	--------------

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:	$4 \times (60-15)\text{Watts} / 1,000\text{W/kW} \times 4\text{h/day} \times 365\text{day/year} \times 0.10\$/\text{kWh} = \$26/\text{year}$
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:	$1 \times (60-15)\text{Watts} / 1,000\text{W/kW} \times 12\text{h/day} \times 365\text{day/year} \times 0.10\$/\text{kWh} = \$20/\text{year}$
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:	$95 \text{ kWh} \times \$0.10 \text{ per kWh} = \$10/\text{year}$
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:	$0.095\text{kW} \times 730\text{h/month} \times \$0.10/\text{kWh} = \$7/\text{month} \times 12 \text{ 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:	$(22+9+4)\text{Watts} / 1000\text{W/kW} \times 19 \text{ hours} \times 365 \text{ days} = 242 \text{ kWh}$
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
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5% Savings for Thermostat Setpoint

76° Thermostat Setting	1,130 kWh Usage
82° Thermostat Setting	827 kWh Usage
% Difference	$(828-1,130)/1,130 = -27\%$
% Savings with 1° increase in setting	$(-27\%)/(82-76=6) = -4.5\%$

TV & RADIO SCRIPT | English

FPL
FPL Sweeps Phase 2
FPL Sweeps Phase 2 :30 English
:30

September 8, 2016
Colleen Fallon
FPL-376
FPL2016SWP30EH

AUDIO

AVO: How can saving energy with FPL's smart tools...

AVO: ...give you the chance to win big AND bigger?

AVO: With FPL's Smart Home Energy Sweepstakes...

AVO: ...you'll be entered to win BIG weekly prizes...

AVO: ...that can help you save energy and make your bill even lower—

AVO: —PLUS the chance to win an even BIGGER \$5,000 Smart Home Energy Makeover!

AVO: With so many chances to win, do the smart thing, go to FPL.com/EasyToSave...

AVO: ...and just click.

AVO: ...YOU could be our next BIG winner!

TTN RADIO SCRIPT | English

SMART HOME :15

Smart technology is everywhere...

...and now, what powers that technology is smart, too.

With FPL's smart tools, like the Online Home Energy Survey, you can discover new ways to save up to \$250 a year!

Visit FPL.com/EasyToSave!

SMART FAMILY :15

Smart technology is all around us.

And now, the energy that powers it is smart, too.

With FPL's smart tools you can check how changes in temperature affect your bill and discover new ways to save.

Visit FPL.com/EasyToSave and make your bill even lower!



FPL
ECCR
:30s & :15s

DATE
JOB NUMBER

SMART HOME :30

Technology is making the things around us smarter than ever before.
It's making our day-to-day easier.
And now, what powers those things is smart, too.
With the smart technology behind FPL's online energy dashboard...
...you can keep track of your energy use.
And when you take the free Online Home Energy Survey, you'll see where you're using the most energy, and find smart, new ways to save up to \$250 a year.
Visit FPL.com/EasyToSave and learn how to make your bill even lower.

SMART HOME :15

Smart technology is everywhere...
...and now, what powers that technology is smart, too.
With FPL's smart tools, like the Online Home Energy Survey, you can discover new ways to save up to \$250 a year!
Visit FPL.com/EasyToSave!

SMART FAMILY :30

Smart technology can help you make the most of family time.
It can bring you together in bold new ways.
And help create unforgettable moments.
And now, the energy that powers smart technology is smart, too.
With FPL's online energy dashboard, you can view your energy use over time...
...and check how changes in temperature affect your bill.
And with the free Online Home Energy Survey, you'll find new ways to save up to \$250 a year.
Visit FPL.com/EasyToSave and start today!

SMART FAMILY :15

Smart technology is all around us.
And now, the energy that powers it is smart, too.
With FPL's smart tools you can check how changes in temperature affect your bill and discover new ways to save.
Visit FPL.com/EasyToSave and make your bill even lower!

TV & RADIO SCRIPT | English

SWEEPSTAKES :30

How can saving energy with FPL's smart tools...
...give you the chance to win big AND bigger?
With FPL's Smart Home Energy Sweepstakes...
...you'll be entered to win BIG weekly prizes...
...that can help you save energy and make your bill even lower—
—PLUS the chance to win an even BIGGER \$5,000 Smart Home Energy Makeover!
With so many chances to win, do the smart thing, go to FPL.com/EasyToSave...
...and just click.
...YOU could be our next BIG winner!

SMART FAMILY :15

Smart technology is all around us.
And now, the energy that powers it is smart, too.
With FPL's smart tools you can check how changes in temperature affect your bill and discover new ways to save.
Visit FPL.com/EasyToSave and make your bill even lower!

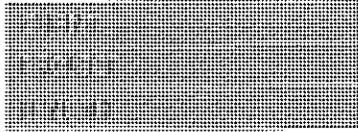
SMART BUSINESS :30

Smart technology is helping businesses bring new ideas to life.
It's changing the way we connect with customers.
It's helping us develop simple solutions to complex problems.
And now, what powers that technology is smart, too.
With FPL's new Online Business Energy Dashboard...
... you can see your energy use by the hour, to help you make smart decisions for your business.
And with a free Business Energy Evaluation ...
... you can save up to \$500 a year.
Schedule yours today!

SMART BUSINESS :15

Smart technology is helping businesses bring new ideas to life.
And now, with FPL's smart tools...
... like the new Online Business Energy Dashboard and a free Business Energy Evaluation...
... you'll find smart, new ways to save up to \$500 a year.
Schedule yours today!

:



FPL
ECCR
:30s & :15s

DATE

JOB NUMBER

SMART BUSINESS :30

Smart technology is helping businesses bring new ideas to life.
It's changing the way we connect with customers.
It's helping us develop simple solutions to complex problems.
And now, what powers that technology is smart, too.
With FPL's new Online Business Energy Dashboard...
... you can see your energy use by the hour, to help you make smart decisions for your business.
And with a free Business Energy Evaluation ...
... you can save up to \$500 a year.
Schedule yours today!

SMART BUSINESS :15

Smart technology is helping businesses bring new ideas to life.
And now, with FPL's smart tools...
... like the new Online Business Energy Dashboard and a free Business Energy Evaluation...
... you'll find smart, new ways to save up to \$500 a year.
Schedule yours today!

TV SCRIPT | English

SMART BUSINESS PBS :30

Smart technology is helping businesses bring new ideas to life for less.

It's changing the way we connect with customers.

It's helping us develop simple solutions to complex problems.

And now, what powers that technology is smart, too.

With FPL's new Online Business Energy Dashboard...

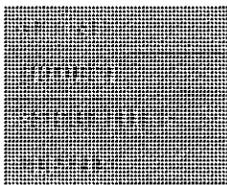
... you can see your energy use by the hour, to help you make smart decisions for your business.

And with a free Business Energy Evaluation ...

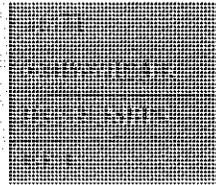
... you can learn how to save on energy.

Go online and schedule yours today!

TV & RADIO SCRIPT | Spanish Adaptation |



FPL
FPL Sweeps Phase 2
FPL Swceps Phase 2 :30 Spanish
:30



September 9, 2016
Raul Rovira
FPL-376
FPL2016SWP30SH

SPANISH ADAPTATION

Las herramientas inteligentes de FPL te ayudan a ahorrar energía...

...y ahora te dan la oportunidad de ganar en grande. ¡MUY grande!

Con el Sorteo de Tecnología Inteligente de FPL...

...puedes ganar GRANDES premios semanales...

...que te ayudan a ahorrar energía para que tu cuenta sea aún más baja—

¡ADEMÁS, la oportunidad de ganar una renovación de tecnología inteligente para el hogar valorada en \$5,000 dolares!

Visita FPL.com/Ahorros...

...y con un clic...

¡TU puedes ser el próximo en ganar en GRANDE!

TV & RADIO SCRIPT | Spanish

SMART FAMILY :30 TV

La tecnología inteligente te ayuda a disfrutar más tu tiempo en familia.

Te puede acercar de nuevas maneras.

Y ayudarte a crear recuerdos inolvidables.

Y ahora, lo que le da energía a todas esas cosas inteligentes también es inteligente.

Con el panel online de energía de FPL puedes ver tu uso de energía y entender como los cambios de temperatura afectan tu cuenta.

Y con el Estudio Online Residencial, descubrirás nuevas formas de ahorrar.

¡Visita FPL.com diagonal Ahorros!

SMART FAMILY :15 TV

La tecnología inteligente está en todas partes.

Y ahora, con las herramientas inteligentes de FPL, como el Estudio Online Residencial, verás cómo los cambios de temperatura afectan tu cuenta y cómo puedes ahorrar.

¡Visita FPL.com diagonal Ahorros!

TV & RADIO SCRIPT | Spanish

SMART HOME :30 TV

La tecnología hace que las cosas sean más inteligentes que nunca.

Haciendo nuestro día a día más fácil.

Y ahora, lo que le da energía a todas esas cosas también es inteligente.

Con la tecnología inteligente detrás de tu panel online de energía de FPL puedes ver cuánta energía usas.

Y al tomar el Estudio Online Residencial, podrás ver cuáles son las cosas que usan más energía y descubrir nuevas formas de ahorrar.

¡Empieza hoy!

SMART HOME SPA :15 TV

Hoy día, la tecnología hace que las cosas sean más inteligentes.

Y ahora, con la tecnología inteligente detrás del Estudio Online Residencial de FPL descubre cómo ahorrar hasta \$250 dólares al año.

¡Visita FPL.com diagonal Ahorros!

TV & RADIO SCRIPT | Spanish

SWEEPSTAKES :30

Las herramientas inteligentes de FPL te ayudan a ahorrar energía...
...y ahora te dan la oportunidad de ganar en grande. ¡MUY grande!
Con el Sorteo de Tecnología Inteligente de FPL...
...puedes ganar GRANDES premios semanales...
...que te ayudan a ahorrar energía para que tu cuenta sea aún más baja—
¡ADEMÁS, la oportunidad de ganar una renovación de tecnología inteligente para el hogar valorada en \$5,000 dolares!
Visita FPL.com/Ahorros...
...y con un clic...
¡TU puedes ser el próximo en ganar en GRANDE!

SMART FAMILY :15

La tecnología inteligente está en todas partes.
Y ahora, con las herramientas inteligentes de FPL, como el Estudio Online Residencial, verás cómo los cambios de temperatura afectan tu cuenta y cómo puedes ahorrar.
¡Visita FPL.com/diagonal Ahorros!

Google, Bing, Yahoo, Marin

Florida Power & Light - 

 www.fpl.com

Are You Looking For Ways To Save Energy And Money?
We Can Help!

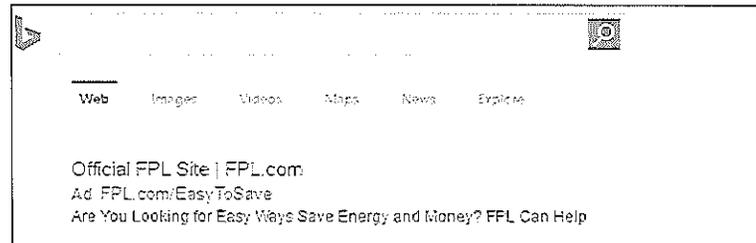
Google

Official FPL Site 

www.fpl.com

Begin Your Quick and Easy Home Energy Savings
Survey.

Yahoo



The image shows a Bing search results page. At the top, there is a search bar and navigation links for Web, Images, Videos, Maps, News, and Express. Below the navigation, the search results for 'FPL.com' are displayed. The first result is the 'Official FPL Site | FPL.com' with the URL 'www.fpl.com'. Below the title, there is an advertisement for 'Easy To Save' with the text 'Are You Looking for Easy Ways Save Energy and Money? FPL Can Help'.

Bing

Bazaarvoice & Nativo

Forbes

Take the Grid's Home Energy Survey today

Everything You Need To Know About Adding Solar Panels At Home

Christie Tashers, Home: C

Solar-powered homes were a solution of federal and he worries about climate chan

Installing solar panels can i footprint by an average of 8 year. You'd have to plant 8 of carbon dioxide!

Not Between a Panel and a

Product Name	Price
Panel 1	\$528.99
Panel 2	\$549.99
Panel 3	\$559.99
Panel 4	\$579.99
Panel 5	\$549.99
Panel 6	\$429.99
Panel 7	\$429.99
Panel 8	\$399.99

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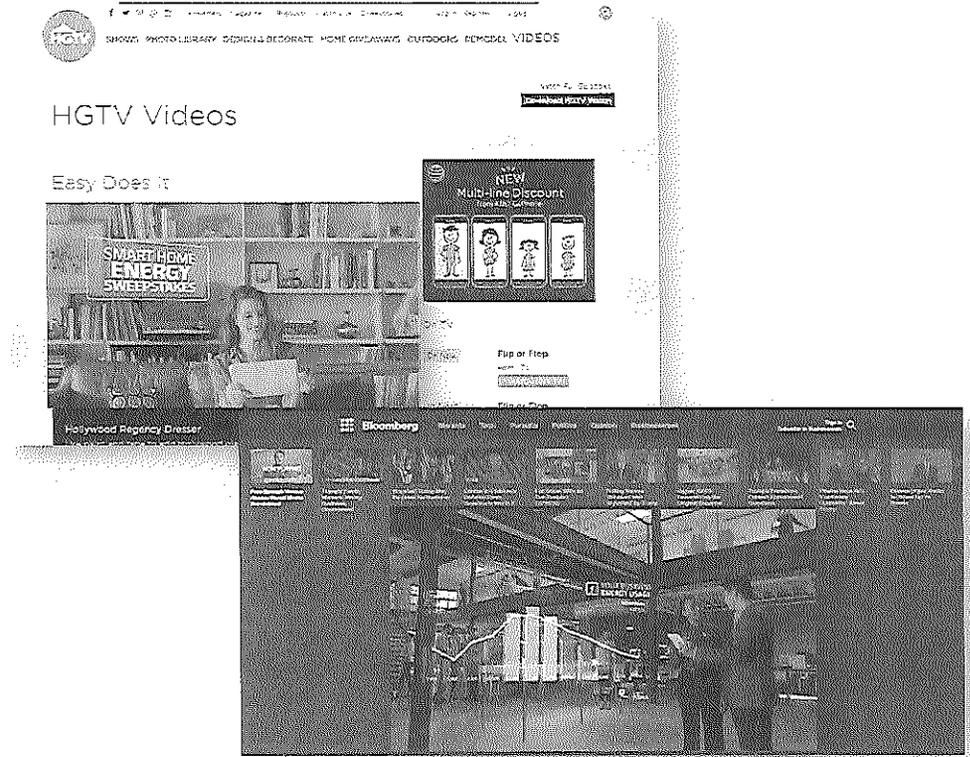
Ultimate Florida Beach Guide

Nativo

KSMTD2, KSMTD3, Sizmek, Moat



KSMTD2 (Display)



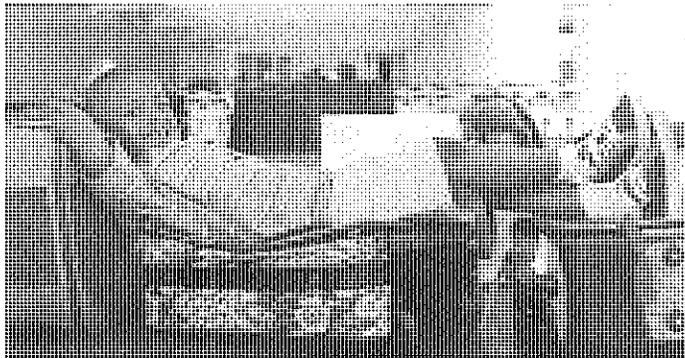
KSMTD3 (Video)

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See more about our quick & easy A/C settings tips to help you save money while away.



Going on a weekend trip?
Energy Experts help you save.

www.fplconnect.com [Learn More](#)

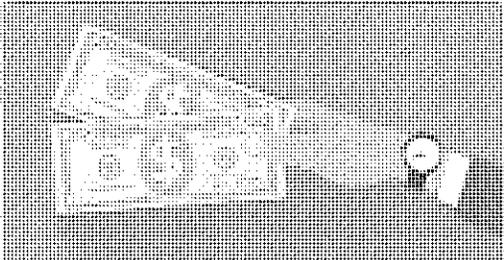
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Summer is here and your A/C is cranking -- driving up your energy bill. If you are considering upgrading to a more efficient unit, you may qualify to receive our rebate.



Get a Rebate When You Get a new A/C Unit
fpl.org.com

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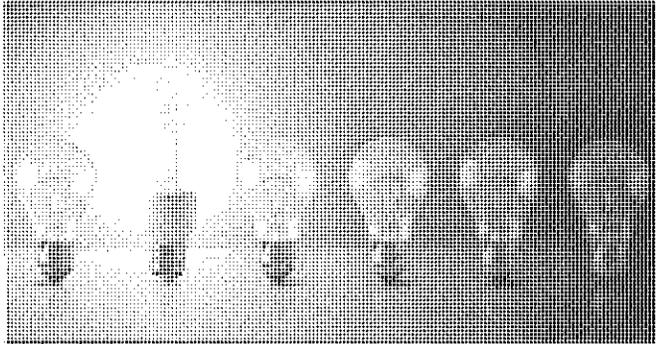
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Energy experts recommend LEDs to help save on your energy bill.



Get more light for your money

When you need to replace your incandescent bulbs, consider upgrading to LEDs. This will ultimately save you money, by saving energy! Saving nearly \$100 per year on your energy bill is easier than you think.

WWW.FPLBLOG.COM [Learn More](#)

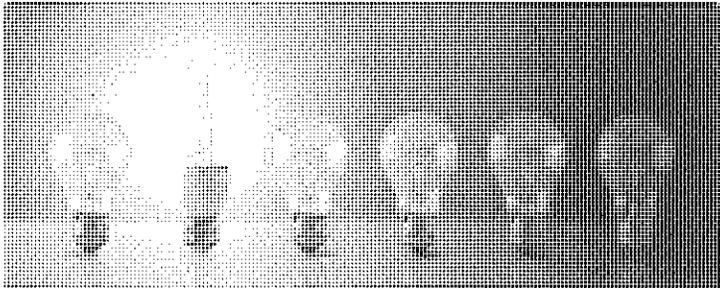
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Like Comment Share

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FPL @insideFPL May 12

Energy experts recommend LEDs to help save nearly \$100 on your energy bill.

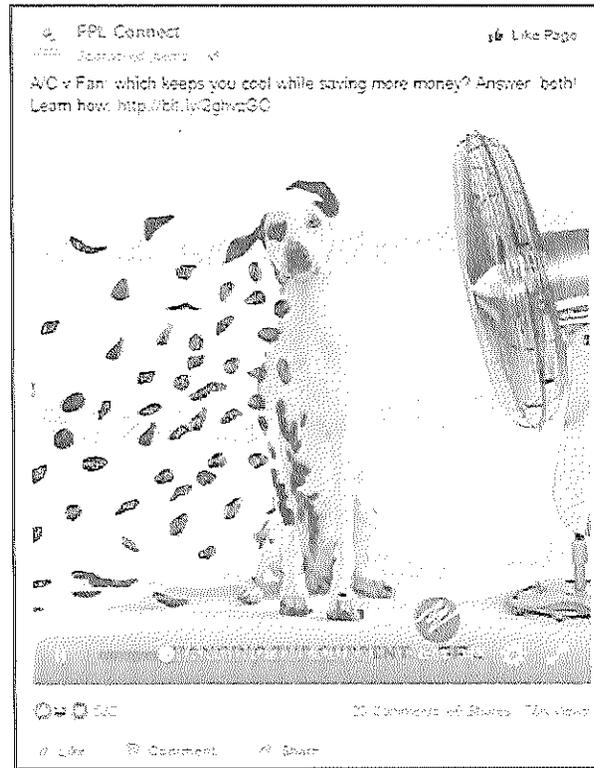


Get more light for your money

fplblog.com

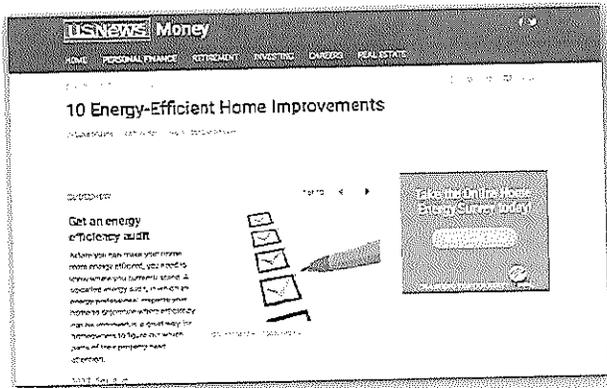
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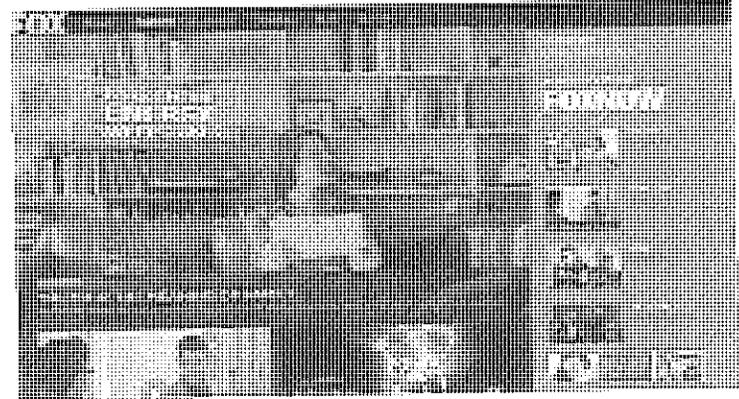


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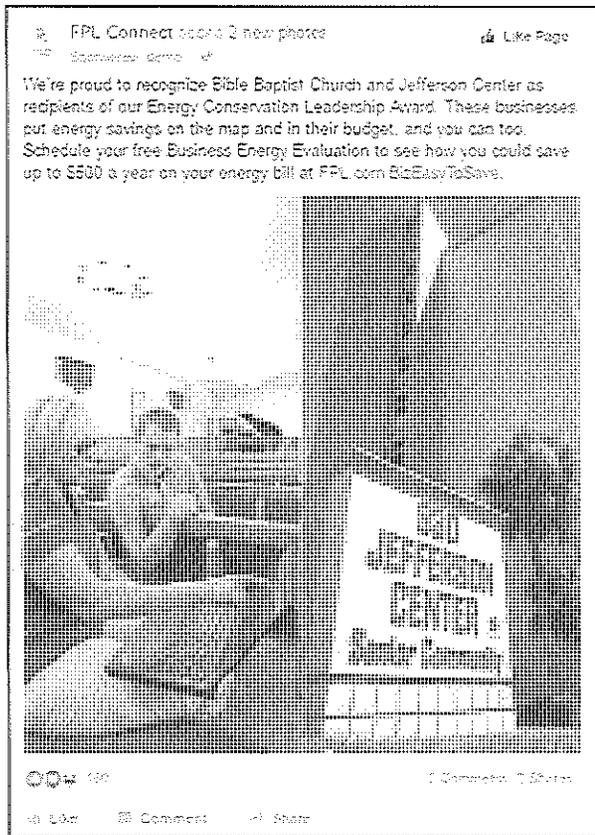


KSMTD3 (Video)

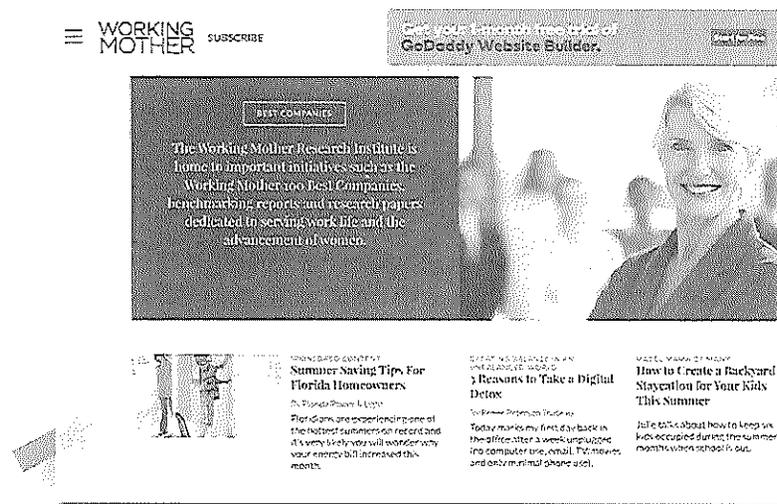


KSMTD2 (Display)

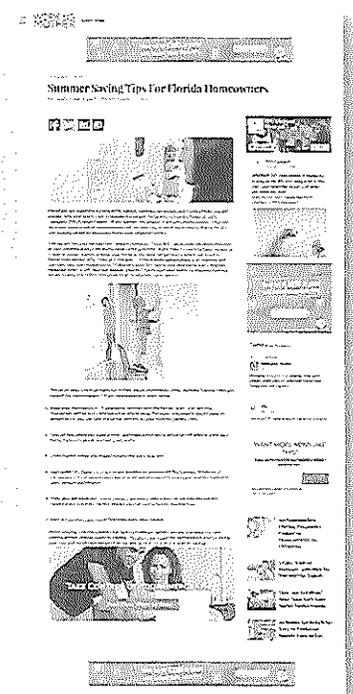
Nativo & Facebook



Facebook



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KSMTD2, KSMTD3, Sizmek, and Moat



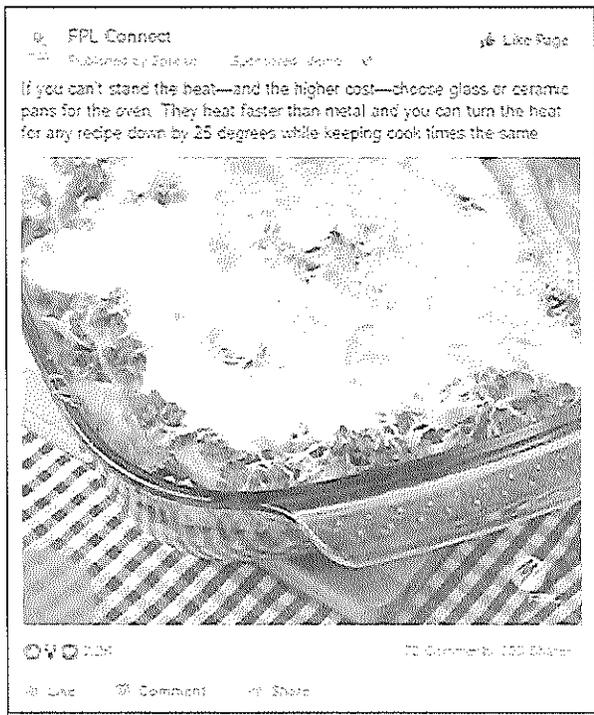
KSMTD2 (Display)



KSMTD3 (Video)

Sizmek and Moat – No screenshots available, as these are tool costs

Nativo & Facebook



Facebook



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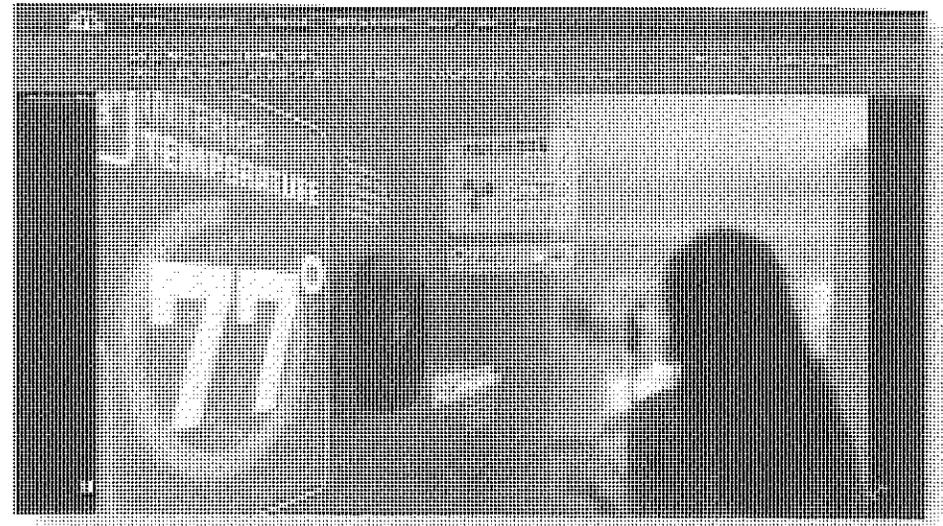


Although we had planned to support ECCR via Twitter promoted tweets, we ultimately did not execute this media. With no Twitter activity, these funds were absorbed into the existing digital media partners. As a result, a Twitter screenshot is not included / available for this invoice.

KSMTD2, KSMTD3, Sizmek, and Moat



KSMTD2 (Display)



KSMTD3 (Video)

Sizmek and Moat – No screenshots available, as these are tool costs

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Forbes

Take the Bull by the Horns: Energy Storage, baby

Everything You Need To Know About Adding Solar Panels At Home

CHRISTINE TUCKER, HOUSEWARE EDITOR

Solar-powered homes were a plethora of federal and 20 worries about climate change.

Installing solar panels can a footprint by an average of 4 year. You'd have to plant 31 of carbon dioxide.

Top 100 Sustainable Brands

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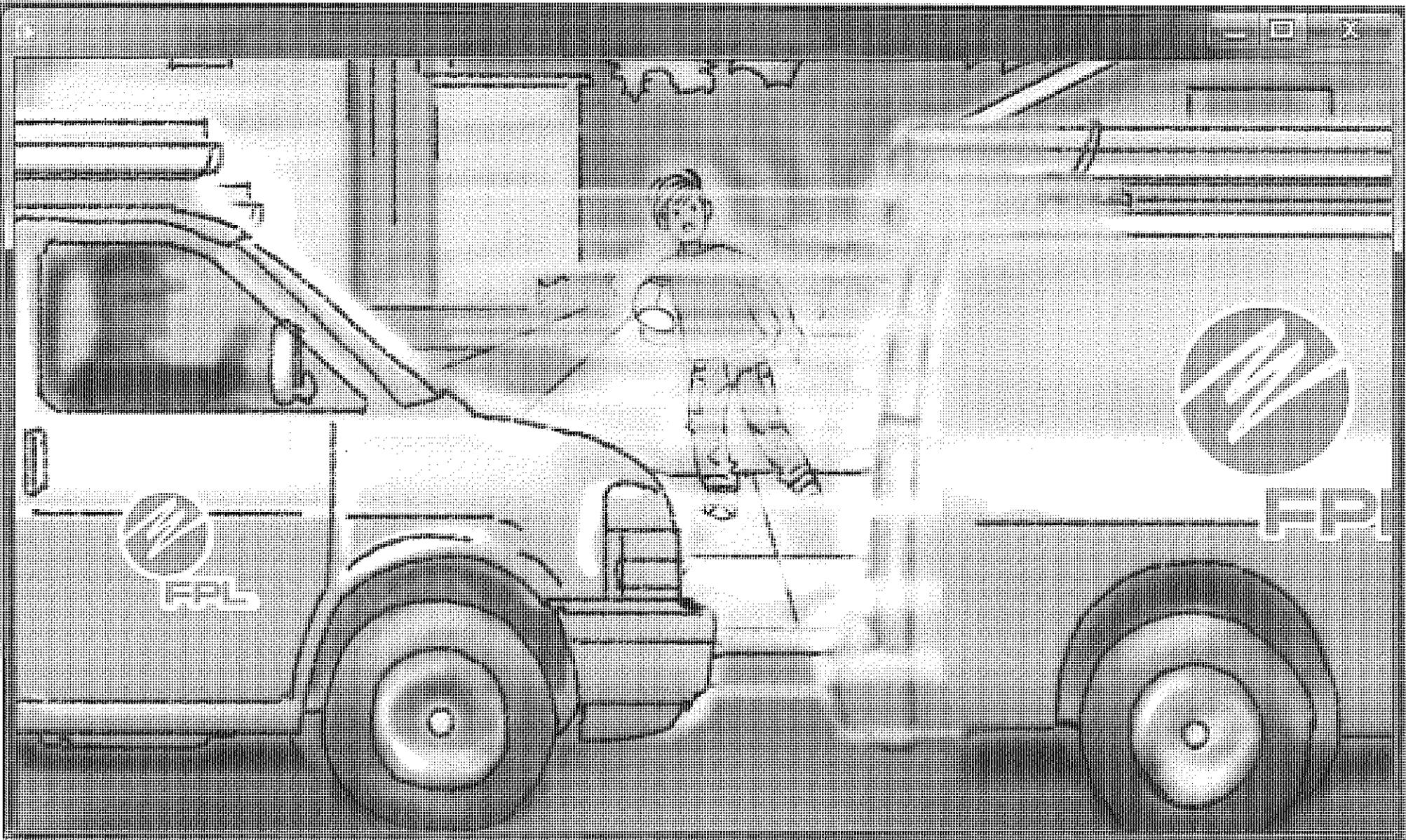
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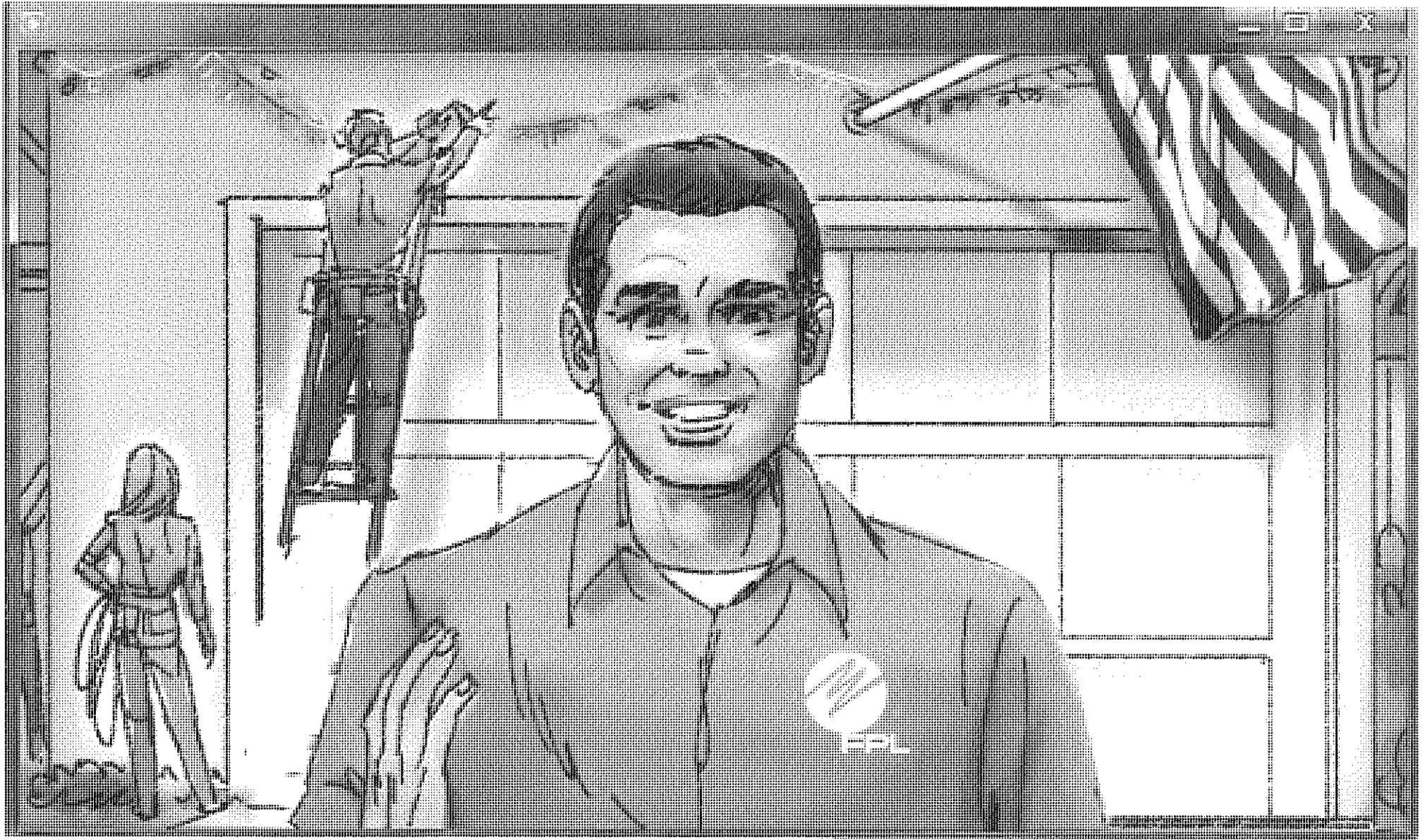
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FPI



Energy Star
ENERGY STAR

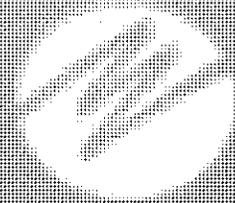
**9500 BTU
Air Conditioner**



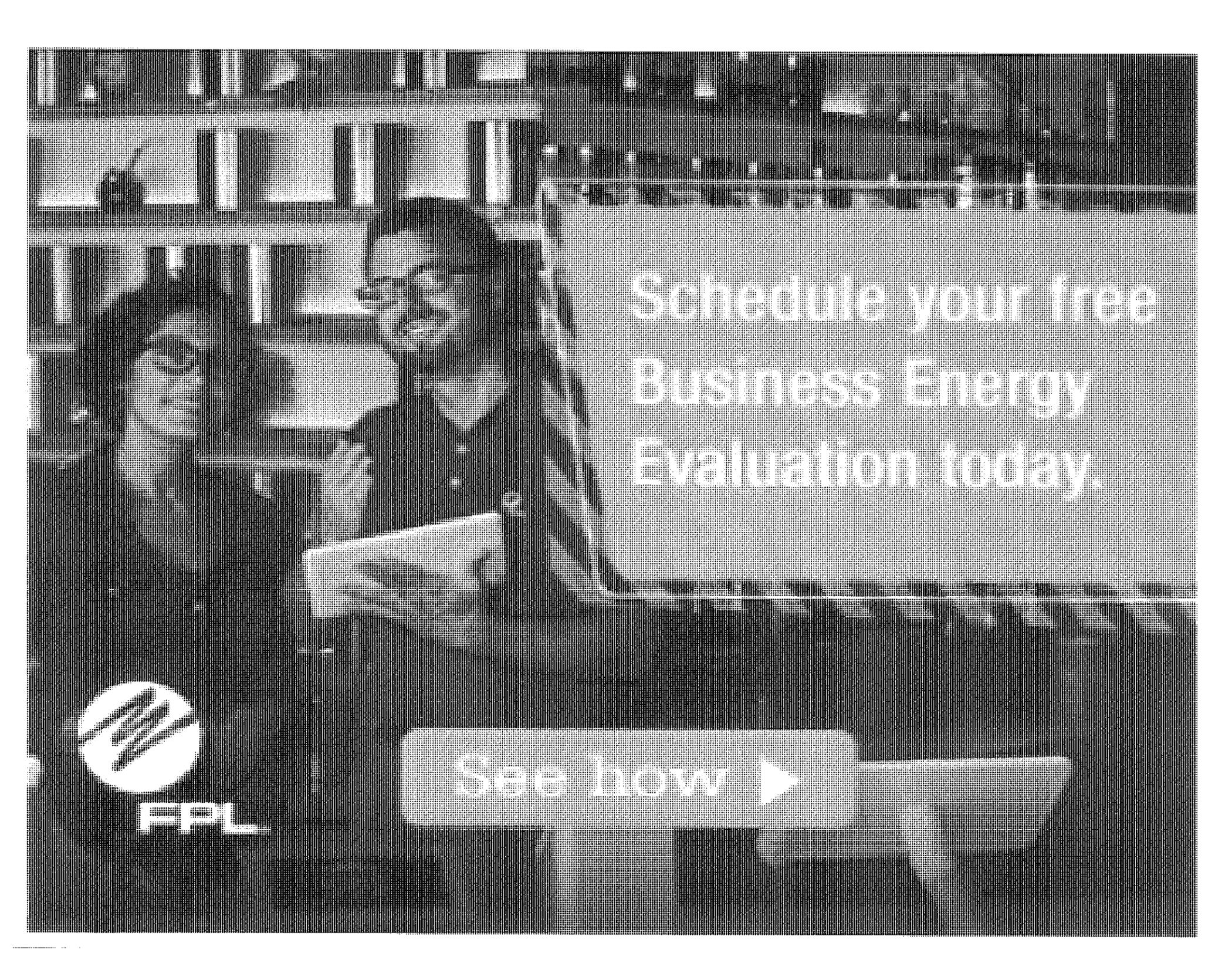
Take the Online Home Energy Survey today!

GET STARTED

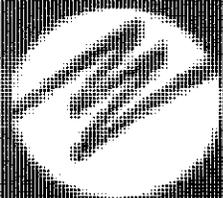
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FPL

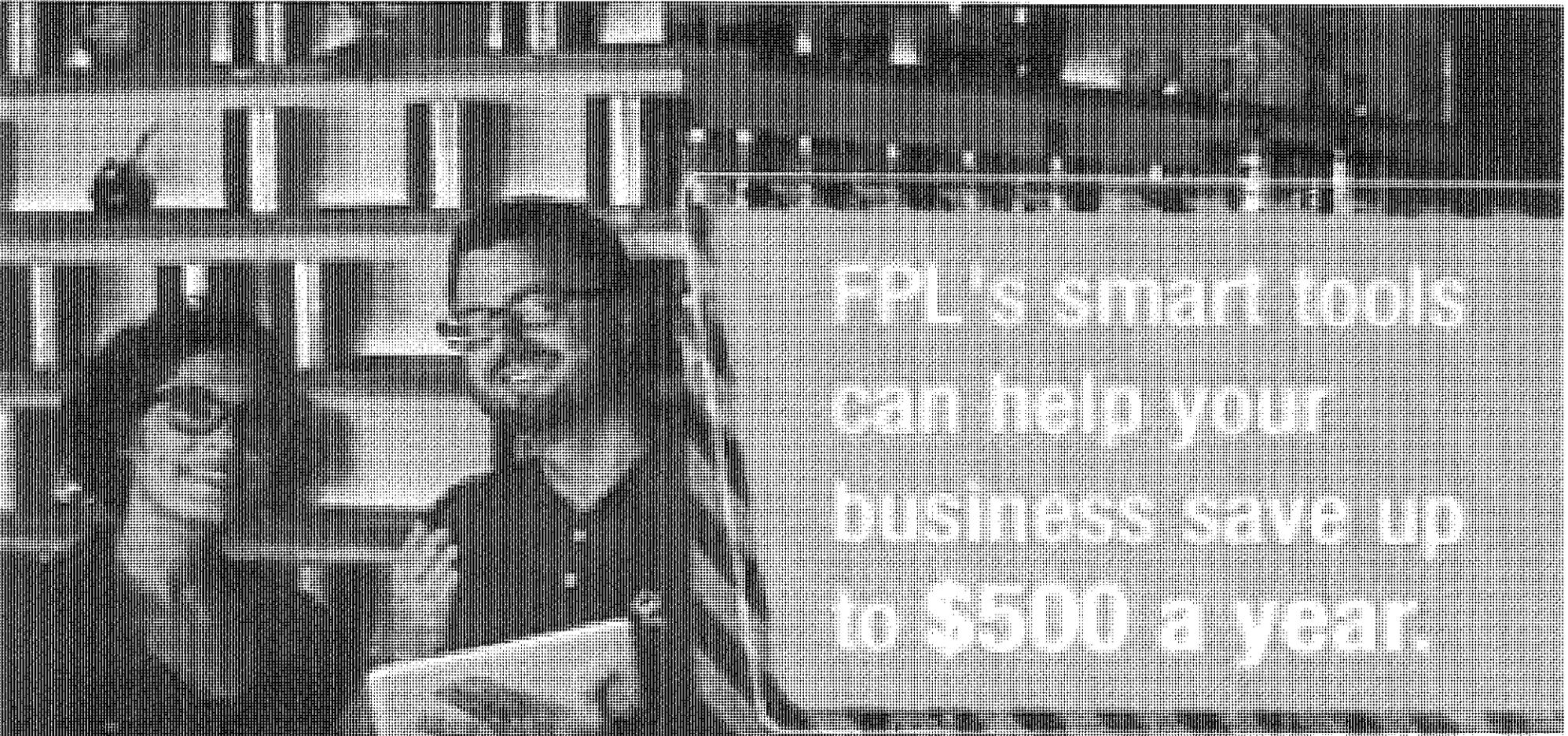


Schedule your free
Business Energy
Evaluation today.

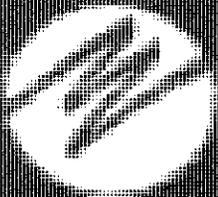


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See how ▶



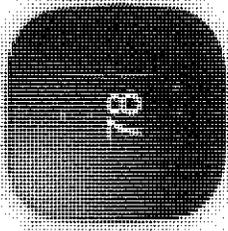
FPL's smart tools
can help your
business save up
to \$500 a year.



FPL

See how ▶

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thermostat.

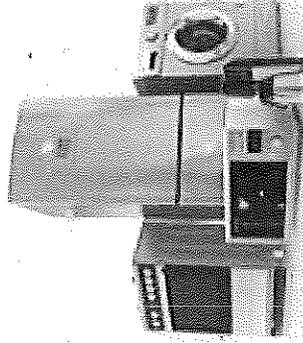


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FPL

Renovación de
Tecnología
Inteligente
para el Hogar de
\$5,000 dólares.



¡INSCRIBETE YA



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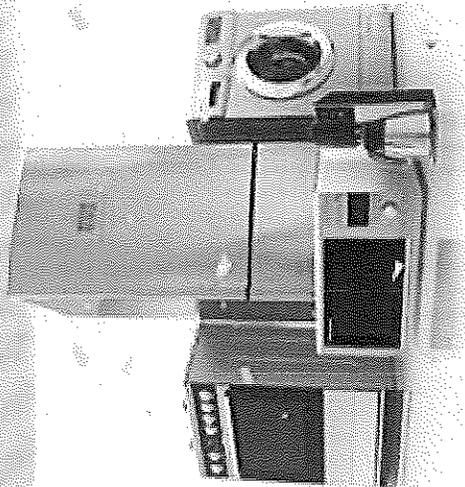


ENTER TO WIN



FPL

**\$5,000
Smart
Home Energy
Makeover**



ENTER TO WIN



FPL



Cool fact:
Smart thermostats can save about 3% on your energy use each year.

Did you know that smart technology can help you save?

Smart thermostats have been proven to save, on average, 450 kWh per year, or about \$50 annually. Find even more smart ways to help you save money and lower your bill when you take FPL's Online Home Energy Survey. Go to FPL.com/EasyToSave to see how you can save up to \$250 a year.



¿Sabías que la tecnología inteligente puede ayudarte a ahorrar?

Los termostatos inteligentes muestran ahorros en promedio anual de hasta 450 kWh, o cerca de \$50 al año. Descubre aún más maneras de ahorrar dinero y bajar tu cuenta eléctrica al tomar el Estudio Online Residencial. Visita FPL.com/Ahorros para ver cómo tu puedes ahorrar hasta \$250 al año.

Let our smart tools help you save energy and money.

At GE Appliances, we've designed smart tools that help you save energy and money. Our smart tools are designed to help you save energy and money. Our smart tools are designed to help you save energy and money. Our smart tools are designed to help you save energy and money.



GE Appliances | www.ge.com



Smart tools for even smarter savings.

Smart tools can save up to 30% on energy costs. FPL's Smart Tools can help you identify energy-wasting areas in your home or business. From smart meters to smart thermostats, FPL's Smart Tools can help you save money and reduce your carbon footprint. For more information, visit www.fpl.com/smarttools.



Smart Tools
Energy
Savings



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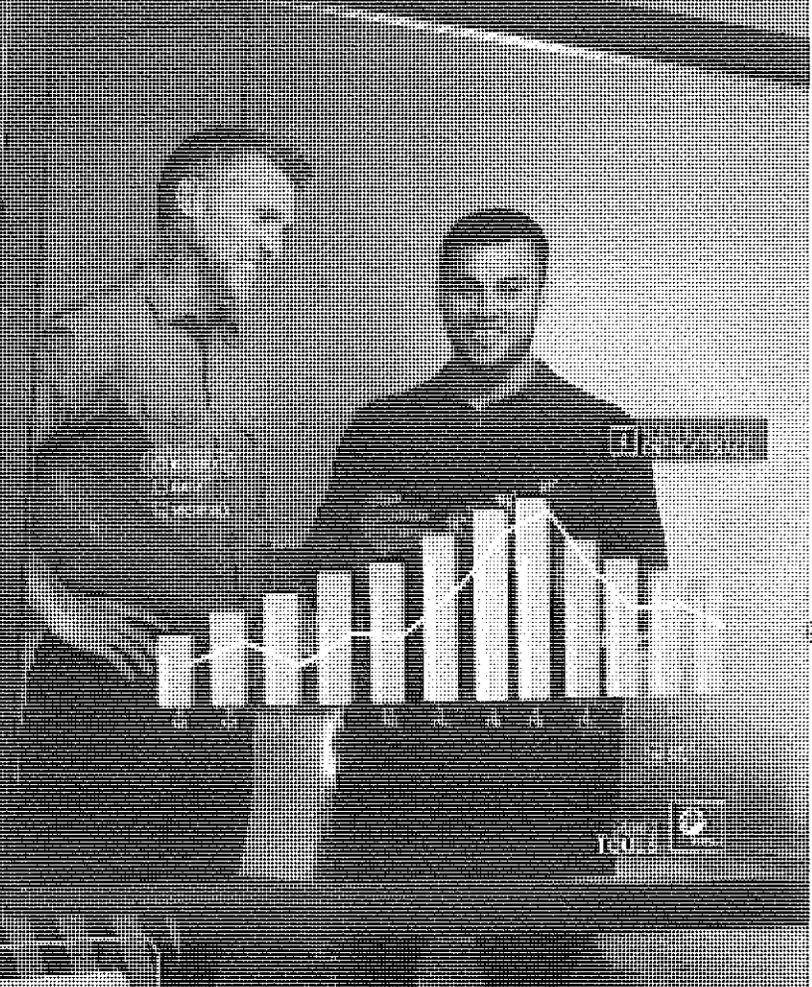


FPL's smart tools can help you find new ways to save up to \$500 a year.

Smart tools can help you find new ways to save up to \$500 a year. FPL's smart tools can help you find new ways to save up to \$500 a year. FPL's smart tools can help you find new ways to save up to \$500 a year.



CHANGING THE CURRENT FPL



Smart tools for even smarter savings.

Can't find what you're looking for? You can't find it here. We've got you covered. Our smart tools help you find what you need, even if you're not sure what you need. It's all about making your life easier and your savings smarter.



CHANGING THE GIBBERY

Florida Trend

THE MAGAZINE OF FLORIDA BUSINESS

September

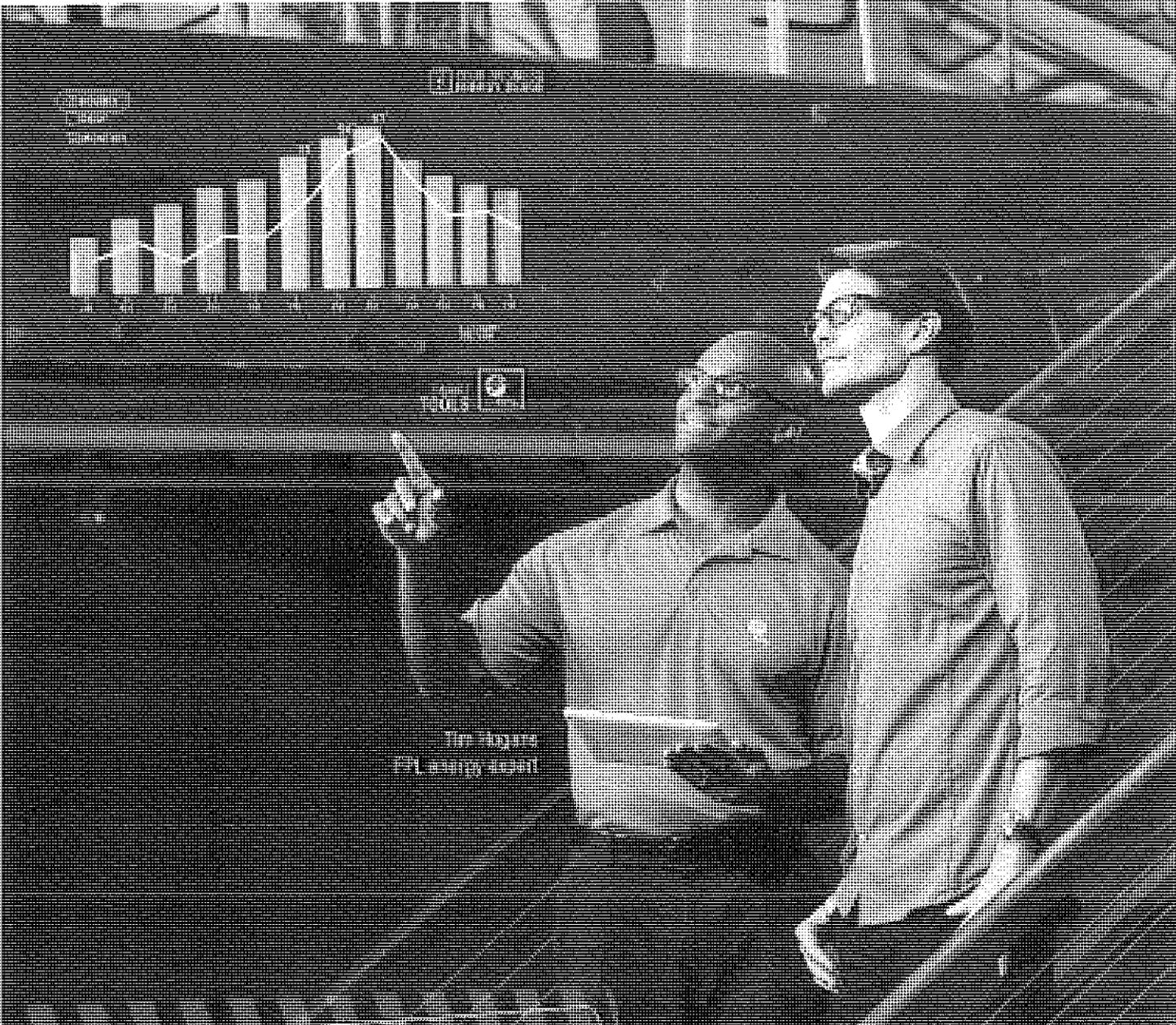
EMPLOYEE

FPL's smart tools can help you find new ways to save up to \$500 a year.

Smart tools can help you find new ways to save up to \$500 a year. FPL's smart tools can help you find new ways to save up to \$500 a year. FPL's smart tools can help you find new ways to save up to \$500 a year.



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Smart tools for even smarter savings

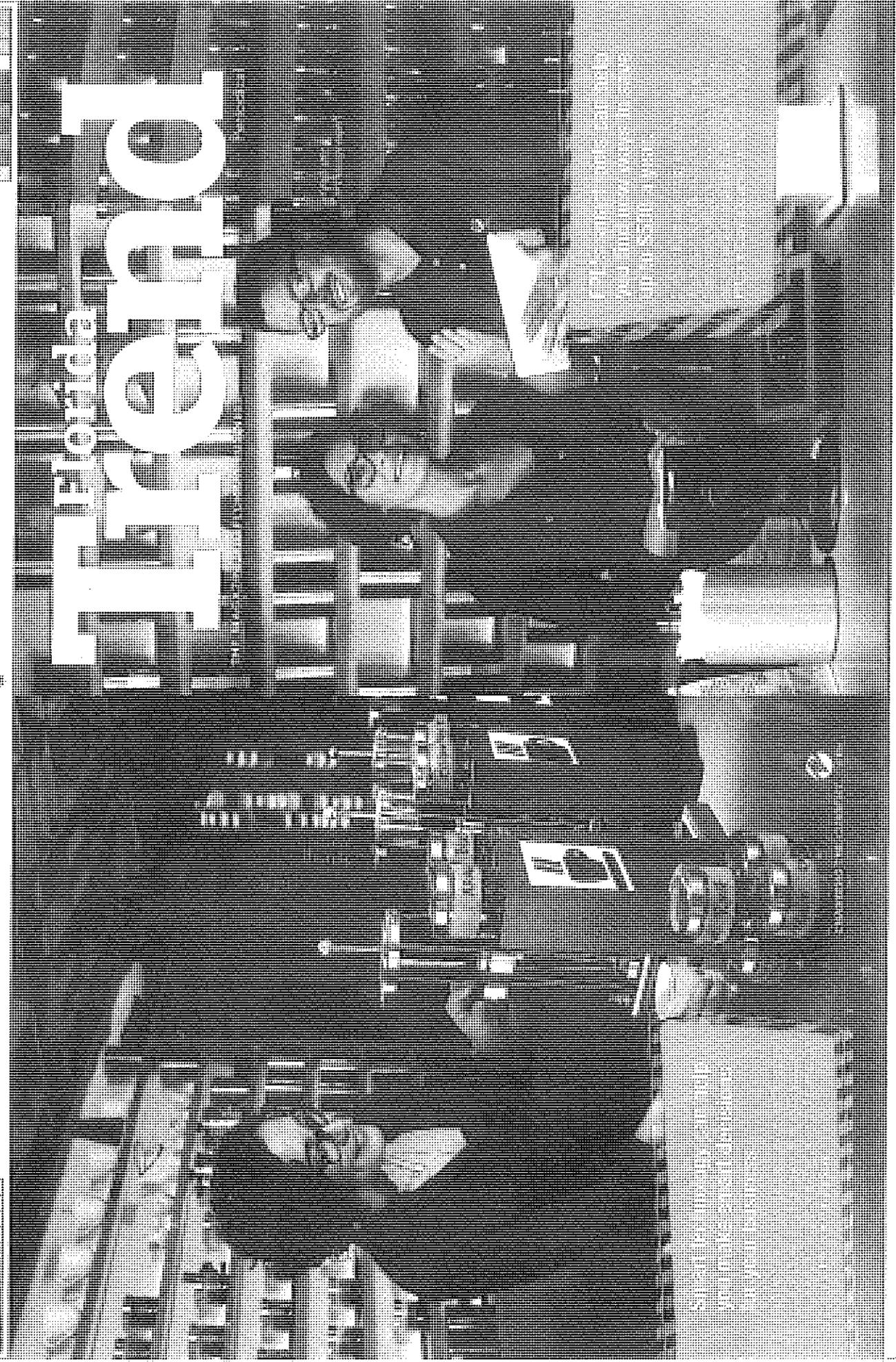
Smart tools for even smarter savings. FPL's Smart Tools help you track energy usage and identify areas for improvement. For more information, visit www.fpl.com/SmartTools.

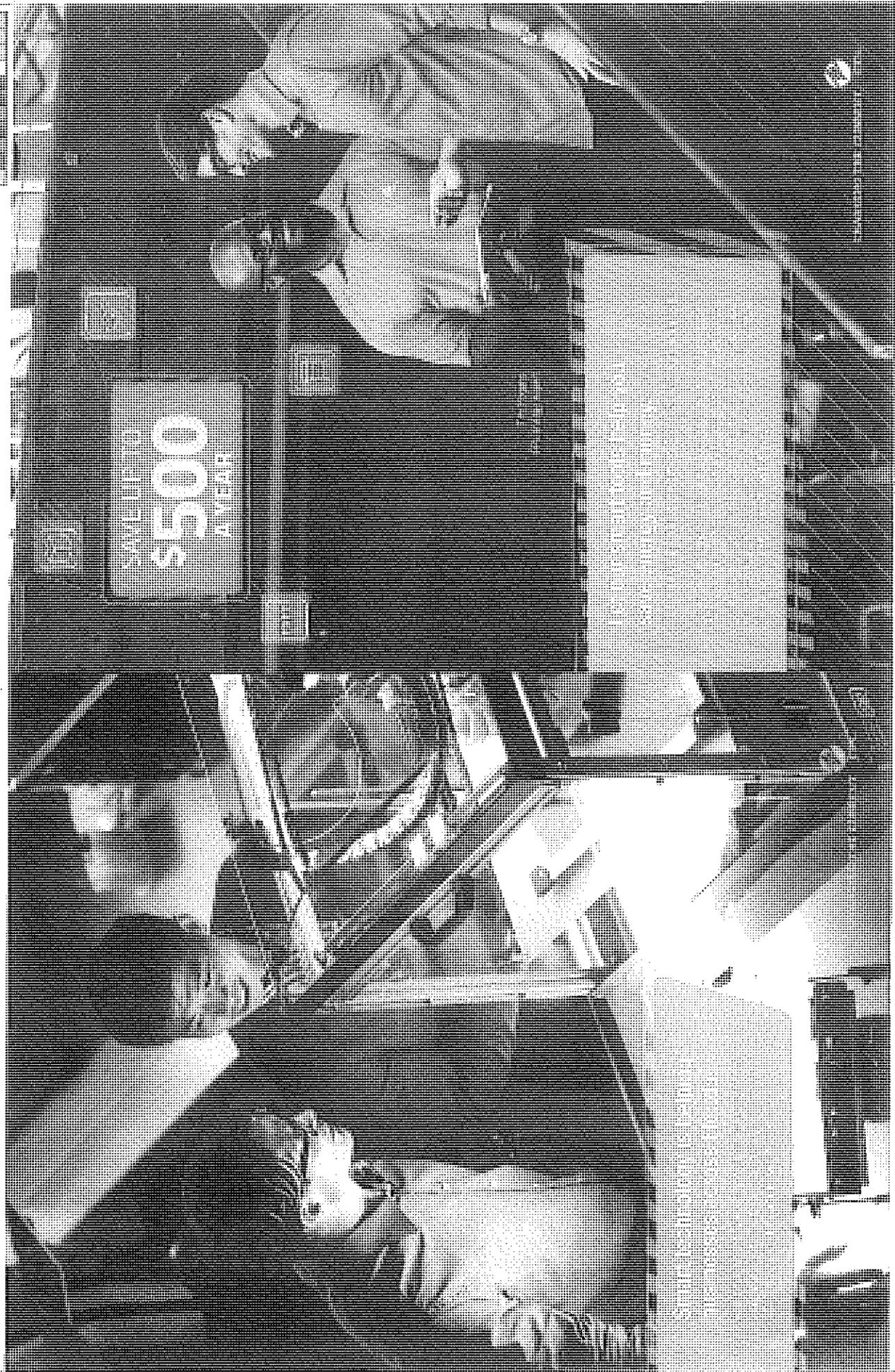


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Florida TILE & TERRAZZO





REVENUE
GROSS
NET



ENERGY

SMART
TOOLS

May 2012
FPL SmartGrid

Smart tools for even smarter savings.

Save up to 10% on energy bills by \$500 a year.

Now FPL Online Business Energy Rewards can help you find the ways to save more on your energy bills. Available for customers with smart meters, you can track and control your energy usage at FPL.com/EsyToSave.



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El clima siempre se calienta
en tu cuenta de energía.

\$250
AL AÑO

Descubre cómo la temperatura afecta tu cuenta con nuestras herramientas inteligentes.

Las altas temperaturas inusuales de este verano tienen a las unidades de aire acondicionado a través de la Florida trabajando al máximo. Con tu panel online de energía y el Estudio Online Residencial, podrás aprender nuevas maneras de controlar tu uso de energía, inclusive durante los días más calurosos del año. Toma el estudio y descubre cómo puedes ahorrar hasta \$250 al año en **FPL.com/Ahorros**.

SMART HOME ENERGY SWEEPSTAKES

\$5,000
GRAND PRIZE!

WEEKLY
PRIZES!



**Just click for your chance to win weekly prizes
and a \$5,000 Smart Home Energy Makeover!**

With FPL's Smart Home Energy Sweepstakes, you'll be entered to win big weekly prizes that can help you save energy and make your bill even lower—plus the chance to win an even bigger \$5,000 Smart Home Energy Makeover! Go to FPL.com/EasyToSave and take the survey by October 31, 2016 for your chance to win.



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SORTEO DE TECNOLOGÍA INTELIGENTE

\$5,000

Renovación de Tecnología

¡Premios
Semanales!

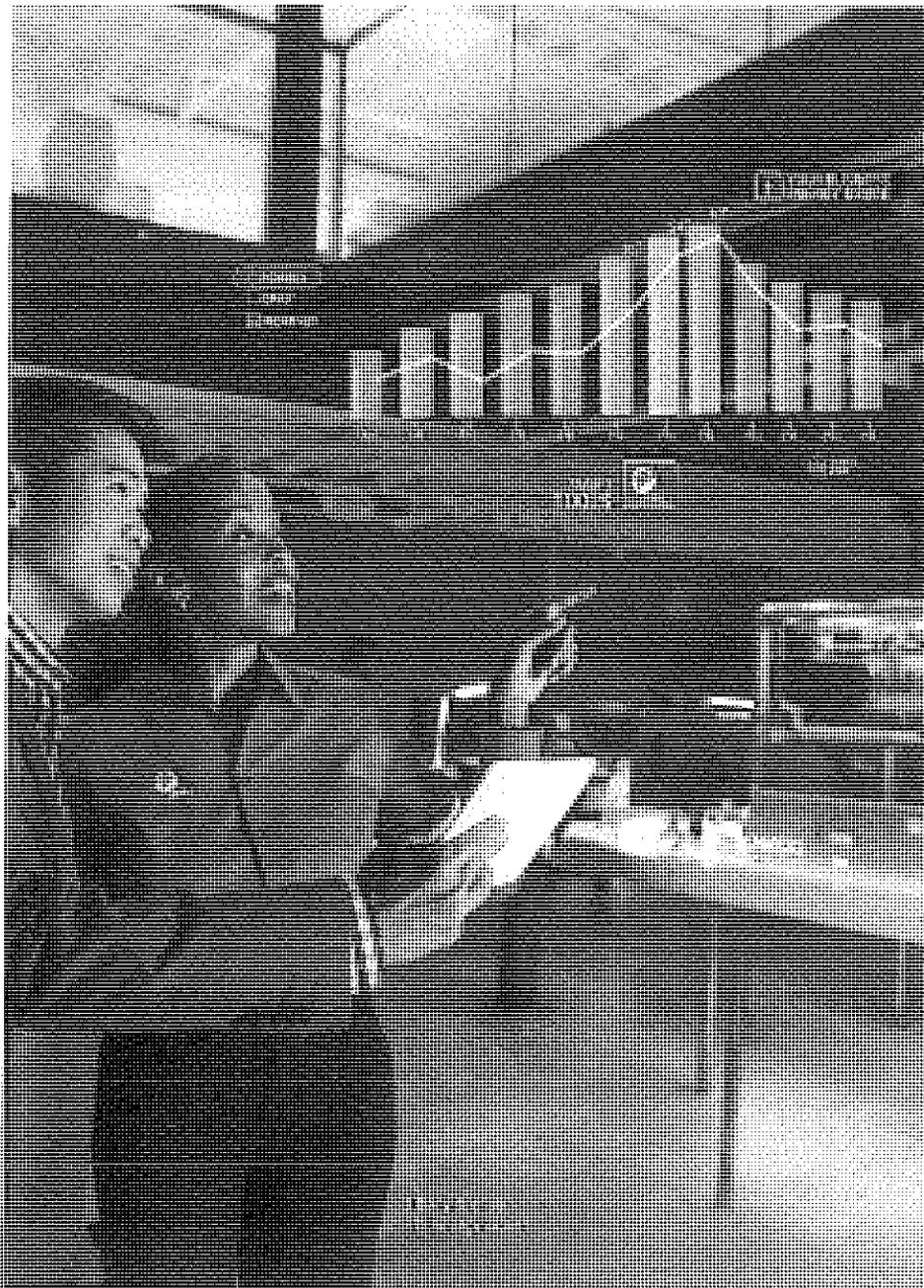
¡Haz clic para tu oportunidad de ganar premios
semanales y una Renovación de Tecnología
Inteligente para el Hogar de \$5,000!

Con el Sorteo de Tecnología Inteligente de FPL, podrás ganar grandes premios semanales que te ayudarán a ahorrar energía y hacer que tu cuenta sea aún más baja – además, la oportunidad de ganar una Renovación de Tecnología Inteligente para el Hogar valorada en \$5,000. Visita FPL.com/Ahorros y toma el estudio antes del 31 de octubre del 2016 para tu oportunidad de ganar.

CAMBIANDO LA CORRIENTE.



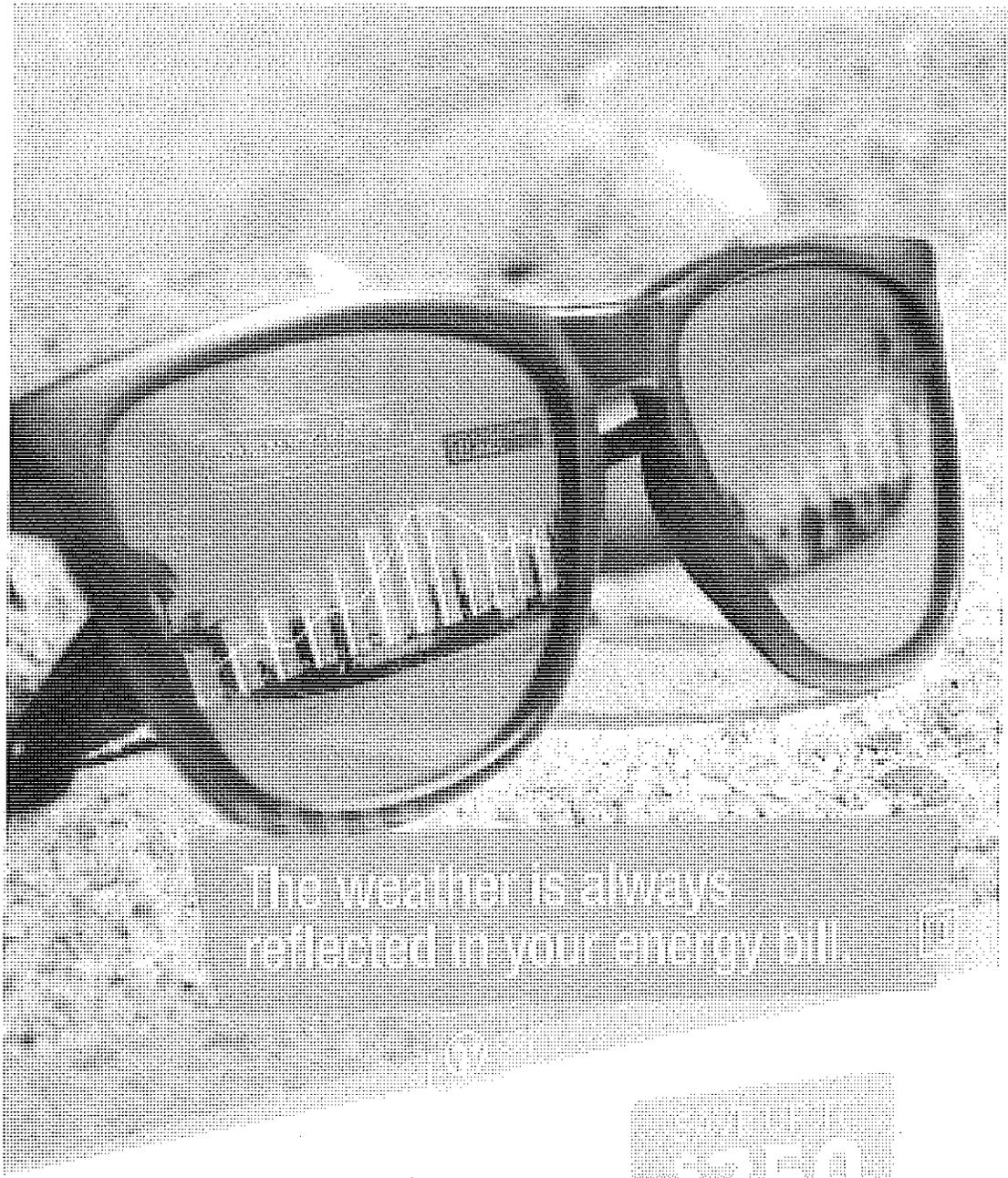
FPL



**Smart technology is helping businesses
bring new ideas to life.**

And now, it can help you save energy and money.

With FPL's smart tools, like the online business energy dashboard, you can see your company's energy usage by the hour to make smart decisions for your business. Visit FPL.com/BizEasyToSave to schedule a free Business Energy Evaluation and save up to \$500 a year.



The weather is always reflected in your energy bill.

SAVE UP TO
\$250
A YEAR

Our smart tools help you see how temperature affects your bill.

This summer's unusually high temperatures have air conditioners across the Sunshine State working overtime. With your online energy dashboard and the Online Home Energy Survey, you can learn new ways to control your energy use, even on the hottest days of the year. Take the survey to see how you can save up to \$250 a year at FPL.com/EasyToSave.



FPL congratulates our Energy
Conservation Leadership Award winners!

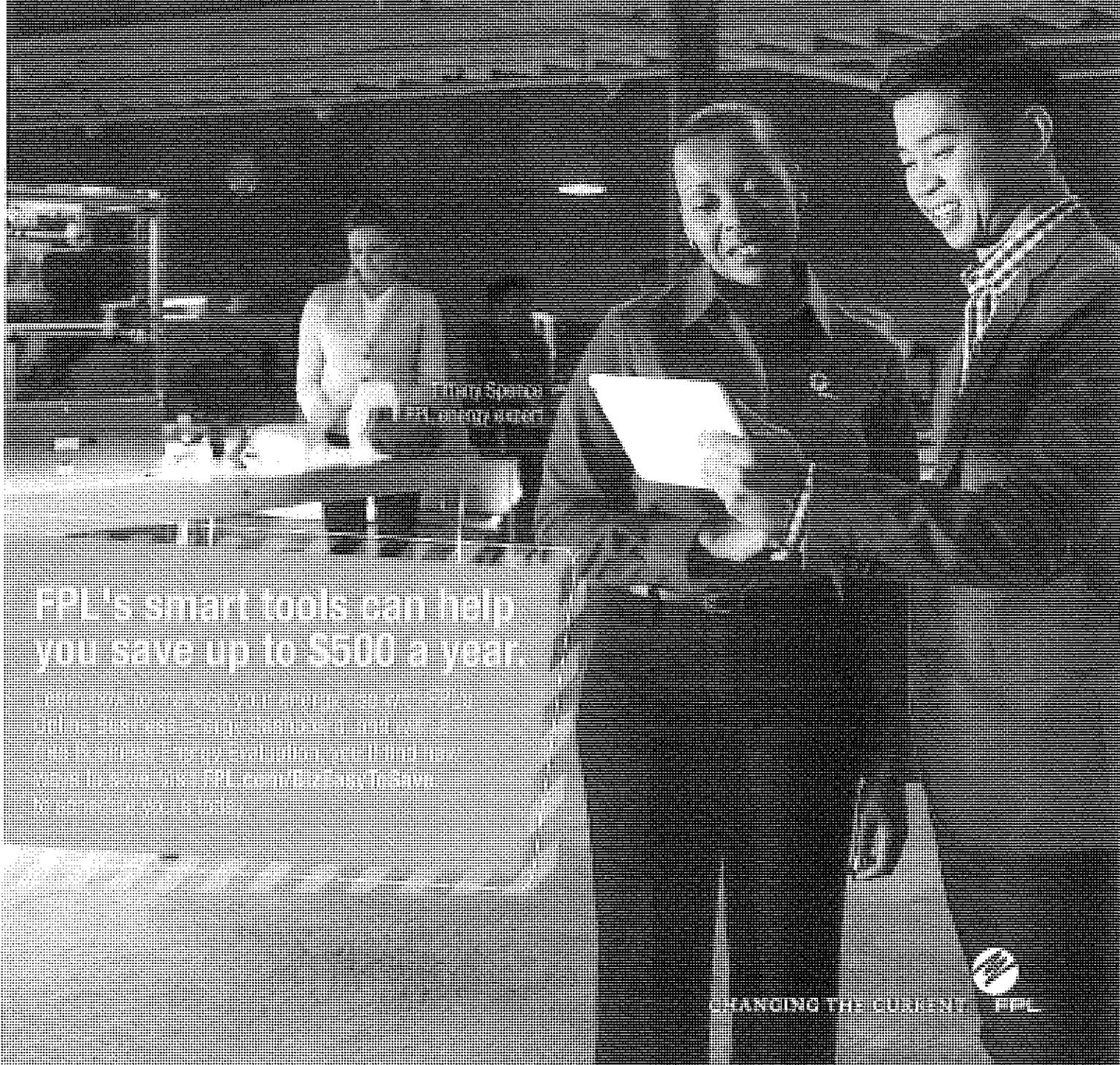
Saving energy. Leading by example.

We're proud to recognize Bible Baptist Church in Live Oak and Jefferson Center in Sarasota as recipients of our Energy Conservation Leadership Award. These businesses put energy savings on the map and in their budget, and you can too. Schedule your free Business Energy Evaluation to see how you could save up to \$500 a year on your energy bill at FPL.com/BizEasyToSave.

Florida Trend

THE MAGAZINE OF FLORIDA BUSINESS

Periodical



FPL's smart tools can help you save up to \$500 a year.

Get up to \$500 a year in savings on your electricity bill by using our smart tools. Our smart tools can help you save up to \$500 a year. Visit www.fpl.com/BeEasyToSave to learn more.

CHANGING THE CURRENT FPL



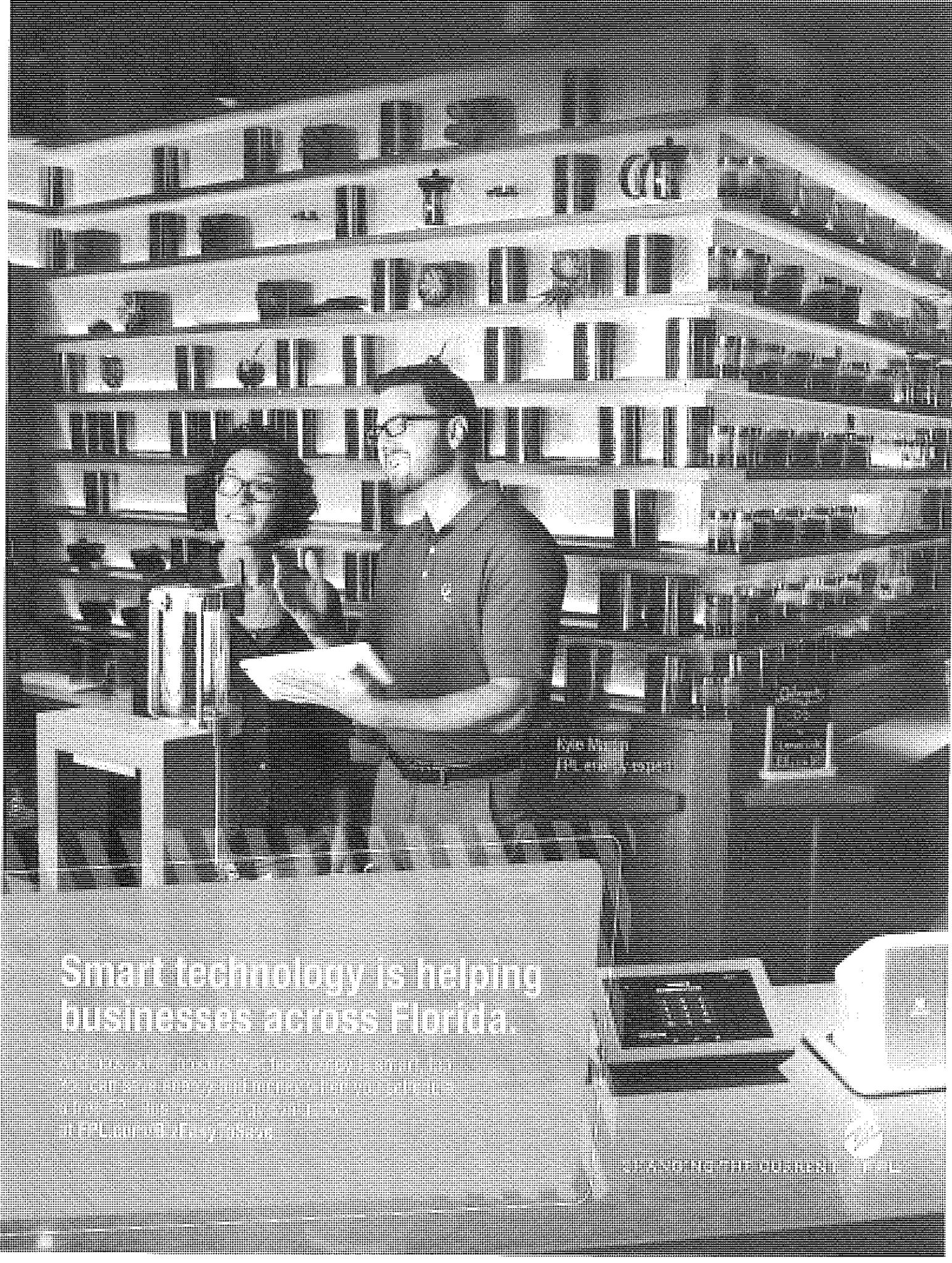


CHANGING THE CURRENT™ FPL

Smart tools can help you save energy and money

Customers can learn to use smart tools like smart meters and smart thermostats to help them save energy and money. Smart meters can help you track your energy usage and find ways to save. Smart thermostats can help you control your home's temperature and save energy. For more information, visit www.fpl.com/SmartTools.

FPL.com/SmartTools



Smart technology is helping businesses across Florida.

Smart technology is helping businesses across Florida. From smart home automation to smart manufacturing, smart technology is helping businesses across Florida. From smart home automation to smart manufacturing, smart technology is helping businesses across Florida.

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Smart technology can help you make smart decisions.

At the University of California, San Diego, researchers are using smart technology to help them make smart decisions. The researchers are using smart technology to help them make smart decisions. The researchers are using smart technology to help them make smart decisions.



TABLE OF CONTENTS

<u>Schedule</u>	<u>Sponsored By</u>
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C-2, Pages 6-11	Reane B. Deaton
C-3, Pages 12-14	Anita Sharma
C-3, Pages 15-20	Renae B. Deaton
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FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170002-EG EXHIBIT: 7
PARTY: FLORIDA POWER & LIGHT
COMPANY (Direct)
DESCRIPTION: Renae B. Deaton
AS-2

FLORIDA POWER & LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
SUMMARY OF ECCR CALCULATION

SCHEDULE: C-1

ESTIMATED FOR THE PERIOD OF: JANUARY 2018 THROUGH DECEMBER 2018

	Total Costs
1. Projected Costs (Schedule C-2, pg 4, line 18)	169,229,261
2. True-up Over/(Under) Recoveries (Schedule C-3, pg 22, line 9)	<u>13,665,997</u>
3. Subtotal (line (1) minus (line 2))	155,563,264
4. Less Load Management Incentives Not Subject To Revenue Taxes ^(a)	<u>105,501,002</u>
5. Project Costs Subject To Revenue Taxes (line 3 minus line 4)	50,062,262
6. Revenue Tax Multiplier	1.00072
7. Subtotal (line 5 * line 6)	<u>50,098,307</u>
8. Total Recoverable Costs (line 7+ line 4)	<u><u>155,599,309</u></u>
9. Total Cost	155,599,309
10. Energy Related Costs	36,052,361
11. Demand-Related Costs (total)	119,546,948
12. Demand costs allocated on 12 CP (Line 11/13 * 12)	110,351,029
13. Demand Costs allocated on 1/13 th (Line 11/13)	9,195,919

^(a) (Schedule C-2, pg 5, Rebates Column, Program Nos. 6,11,12,13)

Costs are split in proportion to the current period split of demand-related (76.83%) and energy-related (23.17%) costs. The allocation of ECCR costs between demand and energy is shown on schedule C-2, Page 4, and is consistent with the methodology set forth in Order No. PSC-1993-1845-FOF-EG.

Totals may not add due to rounding.

Docket No. 20170002-EG
2017 Actual/Estimated - 2018 Projections
Exhibit AS-2, Page 2 of 29

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 2018 THROUGH DECEMBER 2018

(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	63.460%	58,008,210,977	10,434,865	1.05565937	1.04407094	60,564,687,362	11,015,663	53.17175%	58.65588%
GS1/GST1	68.138%	6,205,015,193	1,039,555	1.05565937	1.04407094	6,478,476,045	1,097,416	5.68767%	5.84349%
GSD1/GSDT1/HLFT1	76.657%	26,588,922,543	3,959,527	1.05559868	1.04402488	27,759,496,667	4,179,671	24.37098%	22.25579%
OS2	170.683%	11,196,689	749	1.05050952	1.02873776	11,518,457	787	0.01011%	0.00419%
GSLD1/GSLDT1/CS1/CST1/HLFT2	80.563%	10,599,228,196	1,501,875	1.05486950	1.04348802	11,060,167,644	1,584,282	9.71009%	8.43594%
GSLD2/GSLDT2/CS2/CST2/HLFT3	93.841%	2,545,056,554	309,600	1.04859733	1.03849991	2,643,041,002	324,646	2.32041%	1.72866%
GSLD3/GSLDT3/CS3/CST3	90.309%	168,454,317	21,294	1.02139914	1.01739017	171,383,766	21,750	0.15046%	0.11581%
SST1T	110.824%	91,985,498	9,475	1.02139914	1.01739017	93,585,141	9,678	0.08216%	0.05153%
SST1D1/SST1D2/SST1D3	83.964%	13,233,397	1,799	1.03592872	1.02873776	13,613,695	1,864	0.01195%	0.00992%
CILC D/CILC G	92.815%	2,739,279,343	336,910	1.04794179	1.03825339	2,844,066,064	353,062	2.49690%	1.87997%
CILC T	97.915%	1,397,746,487	162,958	1.02139914	1.01739017	1,422,053,536	166,445	1.24847%	0.88628%
MET	80.708%	92,144,765	13,033	1.03592872	1.02873776	94,792,799	13,501	0.08322%	0.07189%
OL1/SL1/SL1M/PL1	14,675.731%	623,671,055	485	1.05565937	1.04407094	651,156,825	512	0.57167%	0.00273%
SL2/SL2M/GSCU1	101.741%	91,804,029	10,301	1.05565937	1.04407094	95,849,919	10,874	0.08415%	0.05790%
Total		109,175,949,043	17,802,426			113,903,888,923	18,780,151	100.00000%	100.00000%

^(a) AVG 12 CP load factor based on 2014-2016 load research data and 2018 projections

^(b) Projected kwh sales for the period January 2018 through December 2018

^(c) Calculated: Col (3)/(8760 hours * Col (2)) , 8760 hours = annual hours

^(d) Based on 2016 demand losses.

^(e) Based on 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 2018 THROUGH DECEMBER 2018

(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 (\$)	Projected Sales at Meter (kwh) ^(f)	Billing KW Load Factor (%) ^(g)	Projected Billed KW at Meter (kw) ^(h)	Conservation Recovery Factor (\$/kw) ⁽ⁱ⁾	Conservation Recovery Factor (\$/kwh) ^(j)	RDC (\$/KW) ^(k)	SDD (\$/KW) ^(l)
RS1/RTR1	53.17175%	58.65588%	\$64,727,368	\$4,889,631	\$19,169,670	\$88,786,669	58,008,210,977	-	-	-	0.00153	-	-
GS1/GST1	5.68767%	5.84349%	\$6,448,350	\$523,033	\$2,050,539	\$9,021,922	6,205,015,193	-	-	-	0.00145	-	-
GSD1/GSDT1/HLFT1	24.37098%	22.25579%	\$24,559,496	\$2,241,136	\$8,786,315	\$35,586,947	26,588,922,543	49.13484%	74,129,029	0.48	-	-	-
OS2	0.01011%	0.00419%	\$4,623	\$930	\$3,646	\$9,199	11,196,689	-	-	-	0.00082	-	-
GSLD1/GSLDT1/CS1/CST1/HLFT2	9.71009%	8.43594%	\$9,309,146	\$892,932	\$3,500,716	\$13,702,793	10,599,228,196	60.19757%	24,119,730	0.57	-	-	-
GSLD2/GSLDT2/CS2/CST2/HLFT3	2.32041%	1.72866%	\$1,907,599	\$213,383	\$836,564	\$2,957,546	2,545,056,554	65.81205%	5,297,478	0.56	-	-	-
GSLD3/GSLDT3/CS3/CST3	0.15046%	0.11581%	\$127,800	\$13,837	\$54,246	\$195,882	168,454,317	66.75365%	345,688	0.57	-	-	-
SST1T	0.08216%	0.05153%	\$56,866	\$7,556	\$29,621	\$94,043	91,985,498	13.88964%	907,205	-	-	\$0.07	\$0.03
SST1D1/SST1D2/SST1D3	0.01195%	0.00992%	\$10,951	\$1,099	\$4,309	\$16,359	13,233,397	28.23041%	64,214	-	-	\$0.07	\$0.03
CILC D/CILC G	2.49690%	1.87997%	\$2,074,571	\$229,613	\$900,191	\$3,204,376	2,739,279,343	73.75115%	5,087,971	0.63	-	-	-
CILC T	1.24847%	0.88628%	\$978,022	\$114,808	\$450,102	\$1,542,932	1,397,746,487	76.30609%	2,509,264	0.61	-	-	-
MET	0.08322%	0.07189%	\$79,333	\$7,653	\$30,003	\$116,989	92,144,765	64.96640%	194,294	0.60	-	-	-
OL1/SL1/SL1M/PL1	0.57167%	0.00273%	\$3,008	\$52,571	\$206,101	\$261,680	623,671,055	-	-	-	0.00042	-	-
SL2/SL2M/GSCU1	0.08415%	0.05790%	\$63,897	\$7,738	\$30,338	\$101,973	91,804,029	-	-	-	0.00111	-	-
Total			\$110,351,029	\$9,195,919	\$36,052,361	\$155,599,309	109,175,949,043		112,654,873				

^(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) Projected kwh sales for the period January 2018 through December 2018, From C-1 Page 2, Total of Column 3

^(g) Based on 2014-2016 load research data and 2018 projections

^(h) Col (8) / (Col(9)*730)

⁽ⁱ⁾ Col (7) / Col (10)

^(j) Col (7) / Col (8)

^(k) (C-1 pg 3, total col 7)/(C-1, pg 2, total col 8)(.10) (C-1, pg 2, col 6) / 12

^(l) (C-1 pg 3, total col 7/C-1, pg 2, total col 8/(21 onpk days) (C-1, pg 2, col 6)/ 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
 CALCULATION OF ENERGY CONSERVATION COST RECOVERY (ECCR) REVENUES

SCHEDULE: C-4

ESTIMATED FOR THE PERIOD OF: JANUARY 2017 THROUGH DECEMBER 2017

MONTH	Jurisdictional kWh Sales	Clause Revenues Net of Revenue Tax (a)
January Actual	8,348,026,806	\$11,463,704
February Actual	7,111,076,501	\$10,155,930
March Actual	7,490,831,223	\$10,572,566
April Actual	8,227,142,053	\$11,508,556
May Actual	9,287,223,926	\$12,826,528
June Actual	10,296,705,096	\$13,993,695
July Estimated	10,654,302,605	\$14,798,818
August Estimated	10,766,573,847	\$14,954,762
September Estimated	10,596,458,491	\$14,718,472
October Estimated	9,466,439,425	\$13,148,877
November Estimated	8,430,740,733	\$11,710,292
December Estimated	7,829,398,165	\$10,875,028
Total	<u>108,504,918,871</u>	<u>\$150,727,228</u>

(a) Revenue Tax for the period is .072% Regulatory Assessment Fee.

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

SCHEDULE: C-2

ESTIMATED FOR THE PERIOD OF: JANUARY 2018 THROUGH DECEMBER 2018

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	\$13,513,288	\$0	\$755,605	\$437,543	\$503,141	\$484,252	\$1,795,252	\$1,746,637	\$1,781,266	\$1,813,134	\$1,655,275	\$1,694,092	\$443,043	\$404,049	\$13,513,288
2. Residential Ceiling Insulation	\$927,246	\$0	\$73,864	\$56,752	\$58,806	\$56,522	\$55,878	\$85,652	\$74,083	\$101,175	\$129,836	\$74,311	\$59,728	\$100,639	\$927,246
3. Residential Air Conditioning	\$4,852,673	\$0	\$331,062	\$240,364	\$414,417	\$451,273	\$484,515	\$484,159	\$540,948	\$476,774	\$456,832	\$397,655	\$308,348	\$266,325	\$4,852,673
4. Residential New Construction (BuildSmart®)	\$452,124	\$0	\$32,297	\$44,987	\$44,402	\$34,948	\$42,885	\$41,115	\$34,246	\$38,567	\$30,788	\$36,802	\$34,198	\$36,886	\$452,124
5. Residential Low-Income	\$952,451	\$0	\$49,167	\$68,142	\$145,174	\$66,207	\$87,922	\$78,135	\$105,414	\$90,018	\$73,445	\$76,140	\$48,986	\$63,701	\$952,451
6. Residential Load Management ("On Call")	\$0	\$53,056,070	\$3,526,851	\$3,605,220	\$3,546,023	\$4,929,474	\$4,936,942	\$4,960,894	\$5,037,687	\$5,014,125	\$5,095,289	\$5,118,962	\$3,636,721	\$3,647,881	\$53,056,070
7. Business Energy Evaluation	\$7,683,319	\$0	\$581,853	\$453,635	\$539,464	\$460,690	\$723,505	\$766,728	\$777,903	\$758,716	\$785,163	\$858,808	\$516,391	\$460,462	\$7,683,319
8. Business Lighting	\$536,484	\$0	\$48,423	\$56,738	\$38,672	\$33,241	\$24,241	\$42,022	\$52,734	\$53,203	\$39,631	\$22,520	\$64,362	\$60,697	\$536,484
9. Business Heating, Ventilating & A/C	\$5,338,059	\$0	\$148,446	\$872,764	\$433,267	\$283,039	\$778,812	\$577,617	\$227,980	\$261,435	\$145,441	\$126,494	\$271,957	\$1,210,807	\$5,338,059
10. Business Custom Incentive	\$323,435	\$0	\$6,451	\$5,659	\$6,615	\$18,832	\$13,107	\$7,859	\$16,511	\$18,005	\$13,234	\$134,820	\$46,651	\$35,690	\$323,435
11. Business On Call	\$0	\$4,142,530	\$60,060	\$57,050	\$75,307	\$561,217	\$556,891	\$569,457	\$572,242	\$574,570	\$572,780	\$434,446	\$55,611	\$52,898	\$4,142,530
12. Commercial/Industrial Load Control	\$0	\$41,008,387	\$2,845,117	\$3,164,417	\$2,615,499	\$2,844,435	\$2,972,574	\$5,582,546	\$3,474,330	\$3,509,356	\$2,896,841	\$2,834,066	\$2,842,689	\$5,426,517	\$41,008,387
13. Commercial/Industrial Demand Reduction	\$0	\$25,557,229	\$1,762,762	\$1,679,378	\$1,737,941	\$1,985,618	\$2,185,183	\$2,349,448	\$2,460,908	\$2,495,065	\$2,485,266	\$2,363,711	\$2,079,572	\$1,972,376	\$25,557,229
14. Cogeneration & Small Power Production	\$371,334	\$0	\$32,288	\$26,578	\$31,450	\$29,752	\$33,653	\$29,596	\$31,671	\$33,684	\$27,646	\$33,653	\$31,651	\$29,711	\$371,334
15. Conservation Research & Development	\$335,000	\$0	\$22,384	\$20,384	\$37,307	\$46,384	\$40,000	\$30,923	\$24,000	\$25,770	\$20,616	\$26,000	\$20,616	\$20,616	\$335,000
16. Common Expenses	\$1,885,984	\$6,253,562	\$660,097	\$627,340	\$779,932	\$626,040	\$672,833	\$657,301	\$655,373	\$674,807	\$643,028	\$749,611	\$733,985	\$659,201	\$8,139,546
17. Business Photovoltaic for Schools Pilot	\$2,040,085	\$0	\$176,460	\$175,287	\$174,113	\$172,940	\$171,767	\$170,594	\$169,420	\$168,247	\$167,074	\$165,901	\$164,728	\$163,554	\$2,040,085
18. Recoverable Conservation Expenses	\$39,211,483	\$130,017,778	\$11,113,188	\$11,592,237	\$11,181,531	\$13,084,864	\$15,575,960	\$18,180,687	\$16,036,718	\$16,106,652	\$15,238,185	\$15,147,992	\$11,359,237	\$14,612,010	\$169,229,261

Note: Totals may not add due to rounding.

FLORIDA PUBLIC SERVICE COMMISSION
 DOCKET: 20170002-EG EXHIBIT: 8
 PARTY: FLORIDA POWER & LIGHT
 COMPANY (Direct)
 DESCRIPTION: Renae B. Deaton/Anita
 Sharma AS-2

Docket No. 20170002-EG
 2017 Actual/Estimated - 2018 Projections
 Exhibit AS-2, Page 5 of 29

FLORIDA POWER & LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
SUMMARY OF ECCR CALCULATION

SCHEDULE: C-2

ESTIMATED FOR THE PERIOD OF: JANUARY 2018 THROUGH DECEMBER 2018

PROGRAM TITLE	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	Total for Period
1. Residential Home Energy Survey	\$423,797	\$3,541,441		\$1,273,028	\$7,207,818		\$235,892	\$831,313	\$13,513,288
2. Residential Ceiling Insulation		\$121,078		\$17,648		\$774,000		\$14,520	\$927,246
3. Residential Air Conditioning		\$571,786		\$135,929		\$4,027,800	\$34,553	\$82,605	\$4,852,673
4. Residential New Construction (BuildSmart®)	\$12,582	\$287,604		\$81,202		\$16,976		\$53,760	\$452,124
5. Residential Low-Income		\$416,055	\$2,102	\$25,000		\$440,000	\$41,198	\$28,096	\$952,451
6. Residential Load Management ("On Call")	\$11,191,200	\$2,201,961	(\$1,641,600)	\$4,631,115		\$36,061,093	\$71,109	\$541,192	\$53,056,070
7. Business Energy Evaluation	\$351,689	\$3,839,351	\$31,530	\$923,170	\$1,670,648		\$137,020	\$729,911	\$7,683,319
8. Business Lighting		\$221,488		\$49,960		\$254,646		\$10,390	\$536,484
9. Business Heating, Ventilating & A/C		\$513,212		\$152,766		\$4,601,976		\$70,105	\$5,338,059
10. Business Custom Incentive		\$70,541				\$245,964		\$6,930	\$323,435
11. Business On Call	\$551,927	\$39,191	(\$146,000)	\$171,440		\$3,495,977	\$178	\$29,818	\$4,142,530
12. Commercial/Industrial Load Control		\$180,985	\$4,798	\$29,981		\$40,741,482	\$112	\$51,030	\$41,008,387
13. Commercial/Industrial Demand Reduction		\$228,658	\$7,183	\$43,054		\$25,202,448	\$112	\$75,773	\$25,557,229
14. Cogeneration & Small Power Production		\$521,345		\$1,539				(\$151,551)	\$371,334
15. Conservation Research & Development				\$335,000					\$335,000
16. Common Expenses	\$718,831	\$5,619,921	\$112	\$768,913			\$20,472	\$1,011,297	\$8,139,546
17. Business Photovoltaic for Schools Pilot ⁽¹⁾	\$2,040,085								\$2,040,085
19. Recoverable Conservation Expenses	\$15,290,110	\$18,374,619	(\$1,741,875)	\$8,639,744	\$8,878,466	\$115,862,362	\$540,646	\$3,385,189	\$169,229,261

Note: Totals may not add due to rounding.
(1) Recovery of Depreciation and Return

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

SCHEDULE: C-2

ESTIMATED FOR THE PERIOD OF: JANUARY 2018 THROUGH DECEMBER 2018

	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. Additions/Expenditures		\$140,791	(\$114,531)	\$140,791	\$160,209	\$160,209	\$160,209	(\$1,610,706)	\$0	\$0	\$0	\$0	\$0	
2. Investment (Net of Retirements)		\$0	\$255,322	\$0	\$0	\$0	\$0	\$1,610,706	\$0	\$0	\$0	(\$525,412)	\$0	\$1,340,616
3. Depreciation Base		\$525,412	\$780,733	\$780,733	\$780,733	\$780,733	\$780,733	\$2,391,439	\$2,391,439	\$2,391,439	\$2,391,439	\$1,866,027	\$1,866,027	
4. Depreciation Expense ^(a)		\$8,757	\$10,885	\$13,012	\$13,012	\$13,012	\$13,012	\$26,435	\$39,857	\$39,857	\$35,479	\$31,100	\$31,100	\$275,520
5. Cumulative Investment (Line 2)	\$525,412	\$525,412	\$780,733	\$780,733	\$780,733	\$780,733	\$780,733	\$2,391,439	\$2,391,439	\$2,391,439	\$2,391,439	\$1,866,027	\$1,866,027	
6. Less: Accumulated Depreciation	\$442,221	\$450,978	\$461,863	\$474,875	\$487,887	\$500,899	\$513,912	\$540,346	\$580,204	\$620,061	\$655,540	\$161,229	\$192,329	
7. CWIP Balance Eligible for Return	\$963,028	\$1,103,818	\$989,287	\$1,130,077	\$1,290,287	\$1,450,496	\$1,610,706	\$0	\$0	\$0	\$0	\$0	\$0	
8. Net Investment (Line 5-6+7)	\$1,046,218	\$1,178,251	\$1,308,157	\$1,435,936	\$1,583,133	\$1,730,330	\$1,877,527	\$1,851,093	\$1,811,235	\$1,771,378	\$1,735,899	\$1,704,799	\$1,673,698	
9. Average Net Investment		\$1,112,235	\$1,243,204	\$1,372,047	\$1,509,534	\$1,656,732	\$1,803,929	\$1,864,310	\$1,831,164	\$1,791,307	\$1,753,639	\$1,720,349	\$1,689,248	
10. Return on Average Net Investment														
a. Equity Component ^(b)		\$4,472	\$4,999	\$5,517	\$6,070	\$6,662	\$7,253	\$7,496	\$7,363	\$7,203	\$7,051	\$6,917	\$6,792	
b. Equity Component grossed up for taxes (Line 10a/.61425)		\$7,281	\$8,138	\$8,961	\$9,881	\$10,845	\$11,809	\$12,204	\$11,987	\$11,726	\$11,479	\$11,261	\$11,058	\$126,651
c. Debt Component (Line 7 * debt rate * 1/12) ^(c)		\$1,243	\$1,390	\$1,534	\$1,687	\$1,852	\$2,016	\$2,084	\$2,047	\$2,002	\$1,960	\$1,923	\$1,888	\$21,627
11. Total Return Requirements (Line 10b + 10c)		\$8,524	\$9,528	\$10,515	\$11,569	\$12,697	\$13,825	\$14,288	\$14,034	\$13,728	\$13,440	\$13,184	\$12,946	\$148,277
12. Total Depreciation & Return (Line 4 + 11)		\$17,281	\$20,412	\$23,527	\$24,581	\$25,709	\$26,837	\$40,723	\$53,891	\$53,586	\$48,918	\$44,285	\$44,047	\$423,797

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

^(b) Monthly Equity component for Jan-Dec is 4.8251% based on the May 2017 ROR Surveillance Report and reflects a 10.55% return on equity.

^(c) Debt component for Jan-Dec is 1.3413% based on May 2017 ROR Surveillance Report.

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 2018 THROUGH DECEMBER 2018

	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
4. Residential New Construction (BuildSmart®)														
1. Additions/Expenditures		\$0	\$0	\$0	\$0	\$0	\$0	\$58,615	\$63,615	\$58,615	\$78,247	\$81,079	(\$340,171)	
2. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$430,000	\$430,000
3. Depreciation Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$430,000	
4. Depreciation Expense ^(a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,583	\$3,583
5. Cumulative Investment (Line 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$430,000	
6. Less: Accumulated Depreciation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,583	
7. CWIP Balance Eligible for Return	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$58,615	\$122,230	\$180,846	\$259,092	\$340,171	\$0	
8. Net Investment (Line 5-6+7)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$58,615	\$122,230	\$180,846	\$259,092	\$340,171	\$426,417	
9. Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$29,308	\$90,423	\$151,538	\$219,969	\$299,632	\$383,294	
10. Return on Average Net Investment														
a. Equity Component ^(b)		\$0	\$0	\$0	\$0	\$0	\$0	\$118	\$364	\$609	\$884	\$1,205	\$1,541	
b. Equity Component grossed up for taxes (Line 10a/.61425)		\$0	\$0	\$0	\$0	\$0	\$0	\$192	\$592	\$992	\$1,440	\$1,961	\$2,509	\$7,686
c. Debt Component (Line 7 * debt rate * 1/12) ^(c)		\$0	\$0	\$0	\$0	\$0	\$0	\$33	\$101	\$169	\$246	\$335	\$428	\$1,312
11. Total Return Requirements (Line 10b + 10c)		\$0	\$0	\$0	\$0	\$0	\$0	\$225	\$693	\$1,161	\$1,686	\$2,296	\$2,937	\$8,999
12. Total Depreciation & Return (Line 4 + 11)		\$0	\$0	\$0	\$0	\$0	\$0	\$225	\$693	\$1,161	\$1,686	\$2,296	\$6,521	\$12,582

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

^(b) Monthly Equity component for Jan-Dec is 4.8251% based on the May 2017 ROR Surveillance Report and reflects a 10.55% return on equity.

^(c) Debt component for Jan-Dec is 1.3413% based on May 2017 ROR Surveillance Report.

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 2018 THROUGH DECEMBER 2018

	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. Additions/Expenditures		\$0	\$0	\$0	\$0	(\$1,376)	(\$3,819)	\$0	\$0	\$0	\$0	(\$2,619)	\$0	
2. Investment (Net of Retirements)		\$879,230	\$990,398	\$952,525	\$990,398	(\$1,689,469)	\$994,217	\$583,788	\$452,389	\$607,438	\$597,482	\$409,216	\$581,001	\$6,348,614
3. Depreciation Base		\$43,574,091	\$44,564,488	\$45,517,013	\$46,507,411	\$44,817,942	\$45,812,159	\$46,395,948	\$46,848,336	\$47,455,774	\$48,053,256	\$48,462,472	\$49,043,474	
4. Depreciation Expense ^(a)		\$717,982	\$734,173	\$750,364	\$744,527	\$738,701	\$754,910	\$766,624	\$775,456	\$785,497	\$793,864	\$802,116	\$812,186	\$9,176,399
5. Cumulative Investment (Line 2)	\$42,694,860	\$43,574,091	\$44,564,488	\$45,517,013	\$46,507,411	\$44,817,942	\$45,812,159	\$46,395,948	\$46,848,336	\$47,455,774	\$48,053,256	\$48,462,472	\$49,043,474	
6. Less: Accumulated Depreciation	\$15,706,243	\$16,313,057	\$17,047,230	\$17,759,720	\$18,504,247	\$16,561,705	\$17,316,615	\$18,042,342	\$18,645,500	\$19,413,750	\$20,180,410	\$20,764,438	\$21,532,939	
7. CWIP Balance Eligible for Return	\$20,335	\$20,335	\$20,335	\$20,335	\$20,335	\$18,959	\$15,140	\$15,140	\$15,140	\$15,140	\$15,140	\$12,521	\$12,521	
8. Net Investment (Line 5-6+7)	\$27,008,952	\$27,281,368	\$27,537,594	\$27,777,628	\$28,023,499	\$28,275,196	\$28,510,684	\$28,368,746	\$28,217,976	\$28,057,164	\$27,887,986	\$27,710,555	\$27,523,056	
9. Average Net Investment		\$27,145,160	\$27,409,481	\$27,657,611	\$27,900,564	\$28,149,348	\$28,392,940	\$28,439,715	\$28,293,361	\$28,137,570	\$27,972,575	\$27,799,271	\$27,616,806	
10. Return on Average Net Investment														
a. Equity Component ^(b)		\$109,148	\$110,211	\$111,208	\$112,185	\$113,186	\$114,165	\$114,353	\$113,765	\$113,138	\$112,475	\$111,778	\$111,044	
b. Equity Component grossed up for taxes (Line 10a/.61425)		\$177,693	\$179,423	\$181,048	\$182,638	\$184,267	\$185,861	\$186,167	\$185,209	\$184,189	\$183,109	\$181,975	\$180,780	\$2,192,360
c. Debt Component (Line 7 * debt rate * 1/12) ^(c)		\$30,343	\$30,638	\$30,916	\$31,187	\$31,465	\$31,738	\$31,790	\$31,626	\$31,452	\$31,268	\$31,074	\$30,870	\$374,367
11. Total Return Requirements (Line 10b + 10c)		\$208,036	\$210,062	\$211,963	\$213,825	\$215,732	\$217,599	\$217,957	\$216,836	\$215,642	\$214,377	\$213,049	\$211,651	\$2,566,728
12. Total Depreciation & Return (Line 4 + 11)		\$926,017	\$944,234	\$962,327	\$958,352	\$954,433	\$972,509	\$984,581	\$992,292	\$1,001,139	\$1,008,242	\$1,015,165	\$1,023,836	\$11,743,127
Allocation of Depreciation and Return on Investment Between Programs														
Residential On Call Program No. 6 (95.3%)														
Depreciation (Prog #6)		\$684,236	\$699,666	\$715,096	\$709,534	\$703,982	\$719,429	\$730,593	\$739,010	\$748,579	\$756,553	\$764,417	\$774,013	\$8,745,108
Return (Prog #6)		\$198,258	\$200,189	\$202,001	\$203,775	\$205,592	\$207,372	\$207,713	\$206,644	\$205,506	\$204,301	\$203,036	\$201,703	\$2,446,091
Total (Prog #6)		\$882,495	\$899,855	\$917,097	\$913,309	\$909,574	\$926,801	\$938,306	\$945,654	\$954,085	\$960,854	\$967,452	\$975,716	\$11,191,200
Business On Call Program No. 11 (4.7%)														
Depreciation (Prog #11)		\$33,745	\$34,506	\$35,267	\$34,993	\$34,719	\$35,481	\$36,031	\$36,446	\$36,918	\$37,312	\$37,699	\$38,173	\$431,291
Return (Prog #11)		\$9,778	\$9,873	\$9,962	\$10,050	\$10,139	\$10,227	\$10,244	\$10,191	\$10,135	\$10,076	\$10,013	\$9,948	\$120,636
Total (Prog #11)		\$43,523	\$44,379	\$45,229	\$45,043	\$44,858	\$45,708	\$46,275	\$46,638	\$47,054	\$47,387	\$47,713	\$48,120	\$551,927
Total														
Depreciation		\$717,982	\$734,173	\$750,364	\$744,527	\$738,701	\$754,910	\$766,624	\$775,456	\$785,497	\$793,864	\$802,116	\$812,186	\$9,176,399
Return		\$208,036	\$210,062	\$211,963	\$213,825	\$215,732	\$217,599	\$217,957	\$216,836	\$215,642	\$214,377	\$213,049	\$211,651	\$2,566,728
Total		\$926,017	\$944,234	\$962,327	\$958,352	\$954,433	\$972,509	\$984,581	\$992,292	\$1,001,139	\$1,008,242	\$1,015,165	\$1,023,836	\$11,743,127

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

^(b) Monthly Equity component for Jan-Dec is 4.8251% based on the May 2017 ROR Surveillance Report and reflects a 10.55% return on equity.

^(c) Debt component for Jan-Dec is 1.3413% based on May 2017 ROR Surveillance Report.

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 2018 THROUGH DECEMBER 2018

	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
7. Business Energy Evaluation														
1. Additions/Expenditures		\$93,943	\$124,495	\$150,184	\$150,184	\$176,609	\$196,580	(\$276,119)	(\$115,015)	(\$1,080,887)	\$21,885	\$21,885	(\$615,141)	
2. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$464,002	\$247,050	\$1,102,772	\$0	\$0	\$637,026	\$2,450,850
3. Depreciation Base		\$157,745	\$157,745	\$157,745	\$157,745	\$157,745	\$157,745	\$621,747	\$868,797	\$1,971,569	\$1,971,569	\$1,971,569	\$2,608,595	
4. Depreciation Expense ^(a)		\$2,629	\$2,629	\$2,629	\$2,629	\$2,629	\$2,629	\$6,496	\$12,421	\$23,670	\$32,859	\$32,859	\$38,168	\$162,248
5. Cumulative Investment (Line 2)	\$157,745	\$157,745	\$157,745	\$157,745	\$157,745	\$157,745	\$157,745	\$621,747	\$868,797	\$1,971,569	\$1,971,569	\$1,971,569	\$2,608,595	
6. Less: Accumulated Depreciation	\$1,646	\$4,275	\$6,904	\$9,534	\$12,163	\$14,792	\$17,421	\$23,917	\$36,338	\$60,008	\$92,867	\$125,726	\$163,895	
7. CWIP Balance Eligible for Return	\$1,151,399	\$1,245,341	\$1,369,836	\$1,520,020	\$1,670,205	\$1,846,813	\$2,043,394	\$1,767,274	\$1,652,259	\$571,372	\$593,257	\$615,141	(\$0)	
8. Net Investment (Line 5-6+7)	\$1,307,498	\$1,398,811	\$1,520,677	\$1,668,232	\$1,815,787	\$1,989,767	\$2,183,718	\$2,365,105	\$2,484,719	\$2,482,934	\$2,471,959	\$2,460,984	\$2,444,701	
9. Average Net Investment		\$1,353,155	\$1,459,744	\$1,594,455	\$1,742,010	\$1,902,777	\$2,086,743	\$2,274,412	\$2,424,912	\$2,483,826	\$2,477,446	\$2,466,471	\$2,452,842	
10. Return on Average Net Investment														
a. Equity Component ^(b)		\$5,441	\$5,869	\$6,411	\$7,004	\$7,651	\$8,391	\$9,145	\$9,750	\$9,987	\$9,962	\$9,917	\$9,863	
b. Equity Component grossed up for taxes (Line 10a/.61425)		\$8,858	\$9,556	\$10,437	\$11,403	\$12,456	\$13,660	\$14,888	\$15,874	\$16,259	\$16,217	\$16,146	\$16,056	\$161,810
c. Debt Component (Line 7 * debt rate * 1/12) ^(c)		\$1,513	\$1,632	\$1,782	\$1,947	\$2,127	\$2,333	\$2,542	\$2,711	\$2,776	\$2,769	\$2,757	\$2,742	\$27,631
11. Total Return Requirements (Line 10b + 10c)		\$10,370	\$11,187	\$12,220	\$13,350	\$14,583	\$15,992	\$17,431	\$18,584	\$19,036	\$18,987	\$18,903	\$18,798	\$189,441
12. Total Depreciation & Return (Line 4 + 11)		\$12,999	\$13,816	\$14,849	\$15,980	\$17,212	\$18,622	\$23,926	\$31,005	\$42,705	\$51,846	\$51,762	\$56,966	\$351,689

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

^(b) Monthly Equity component for Jan-Dec is 4.8251% based on the May 2017 ROR Surveillance Report and reflects a 10.55% return on equity.

^(c) Debt component for Jan-Dec is 1.3413% based on May 2017 ROR Surveillance Report.

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 2018 THROUGH DECEMBER 2018

	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
16. Common Expenses														
1. Additions/Expenditures		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Investment (Net of Retirements)		(\$683,322)	\$0	\$0	\$0	(\$712,441)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,395,763)
3. Depreciation Base		\$3,453,862	\$3,453,862	\$3,453,862	\$3,453,862	\$2,741,421	\$2,741,421	\$2,741,421	\$2,741,421	\$2,741,421	\$2,741,421	\$2,741,421	\$2,741,421	\$2,741,421
4. Depreciation Expense ^(a)		\$57,564	\$57,564	\$57,564	\$51,627	\$45,690	\$45,690	\$45,690	\$45,690	\$45,690	\$45,690	\$45,690	\$45,690	\$589,843
5. Cumulative Investment (Line 2)	\$4,137,184	\$3,453,862	\$3,453,862	\$3,453,862	\$3,453,862	\$2,741,421	\$2,741,421	\$2,741,421	\$2,741,421	\$2,741,421	\$2,741,421	\$2,741,421	\$2,741,421	\$2,741,421
6. Less: Accumulated Depreciation	\$2,425,113	\$1,799,355	\$1,856,919	\$1,914,484	\$1,966,111	\$1,299,361	\$1,345,051	\$1,390,741	\$1,436,432	\$1,482,122	\$1,527,812	\$1,573,503	\$1,619,193	
7. CWIP Balance Eligible for Return	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Net Investment (Line 5-6+7)	\$1,712,071	\$1,654,507	\$1,596,943	\$1,539,378	\$1,487,751	\$1,442,061	\$1,396,370	\$1,350,680	\$1,304,990	\$1,259,299	\$1,213,609	\$1,167,919	\$1,122,228	
9. Average Net Investment		\$1,683,289	\$1,625,725	\$1,568,161	\$1,513,565	\$1,464,906	\$1,419,215	\$1,373,525	\$1,327,835	\$1,282,144	\$1,236,454	\$1,190,764	\$1,145,073	
10. Return on Average Net Investment														
a. Equity Component ^(b)		\$6,768	\$6,537	\$6,305	\$6,086	\$5,890	\$5,707	\$5,523	\$5,339	\$5,155	\$4,972	\$4,788	\$4,604	
b. Equity Component grossed up for taxes (Line 10a/.61425)		\$11,019	\$10,642	\$10,265	\$9,908	\$9,589	\$9,290	\$8,991	\$8,692	\$8,393	\$8,094	\$7,795	\$7,496	\$110,174
c. Debt Component (Line 7 * debt rate * 1/12) ^(c)		\$1,882	\$1,817	\$1,753	\$1,692	\$1,637	\$1,586	\$1,535	\$1,484	\$1,433	\$1,382	\$1,331	\$1,280	\$18,813
11. Total Return Requirements (Line 10b + 10c)		\$12,900	\$12,459	\$12,018	\$11,600	\$11,227	\$10,877	\$10,526	\$10,176	\$9,826	\$9,476	\$9,126	\$8,776	\$128,987
12. Total Depreciation & Return (Line 4 + 11)		\$70,465	\$70,024	\$69,582	\$63,227	\$56,917	\$56,567	\$56,217	\$55,867	\$55,516	\$55,166	\$54,816	\$54,466	\$718,831

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

^(b) Monthly Equity component for Jan-Dec is 4.8251% based on the May 2017 ROR Surveillance Report and reflects a 10.55% return on equity.

^(c) Debt component for Jan-Dec is 1.3413% based on May 2017 ROR Surveillance Report.

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 2018 THROUGH DECEMBER 2018

	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
17. Business Photovoltaic for Schools Pilot														
1. Additions/Expenditures		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3. Depreciation Base		\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108
4. Depreciation Expense ^(a)		\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$1,837,022
5. Cumulative Investment (Line 2)	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108
6. Less: Accumulated Depreciation	\$6,058,572	\$6,211,657	\$6,364,742	\$6,517,827	\$6,670,912	\$6,823,997	\$6,977,082	\$7,130,168	\$7,283,253	\$7,436,338	\$7,589,423	\$7,742,508	\$7,895,593	
7. CWIP Balance Eligible for Return	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Net Investment (Line 5-6+7)	\$3,126,537	\$2,973,452	\$2,820,367	\$2,667,281	\$2,514,196	\$2,361,111	\$2,208,026	\$2,054,941	\$1,901,856	\$1,748,771	\$1,595,685	\$1,442,600	\$1,289,515	
9. Average Net Investment		\$3,049,994	\$2,896,909	\$2,743,824	\$2,590,739	\$2,437,654	\$2,284,569	\$2,131,483	\$1,978,398	\$1,825,313	\$1,672,228	\$1,519,143	\$1,366,058	
10. Return on Average Net Investment														
a. Equity Component ^(b)		\$12,264	\$11,648	\$11,033	\$10,417	\$9,802	\$9,186	\$8,570	\$7,955	\$7,339	\$6,724	\$6,108	\$5,493	
b. Equity Component grossed up for taxes (Line 10a/.61425)		\$19,965	\$18,963	\$17,961	\$16,959	\$15,957	\$14,955	\$13,953	\$12,951	\$11,949	\$10,946	\$9,944	\$8,942	\$173,446
c. Debt Component (Line 7 * debt rate * 1/12) ^(c)		\$3,409	\$3,238	\$3,067	\$2,896	\$2,725	\$2,554	\$2,383	\$2,211	\$2,040	\$1,869	\$1,698	\$1,527	\$29,618
11. Total Return Requirements (Line 10b + 10c)		\$23,375	\$22,201	\$21,028	\$19,855	\$18,682	\$17,509	\$16,335	\$15,162	\$13,989	\$12,816	\$11,642	\$10,469	\$203,063
12. Total Depreciation & Return (Line 4 + 11)		\$176,460	\$175,287	\$174,113	\$172,940	\$171,767	\$170,594	\$169,420	\$168,247	\$167,074	\$165,901	\$164,728	\$163,554	\$2,040,085

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

^(b) Monthly Equity component for Jan-Dec is 4.8251% based on the May 2017 ROR Surveillance Report and reflects a 10.55% return on equity.

^(c) Debt component for Jan-Dec is 1.3413% based on May 2017 ROR Surveillance Report.

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 2017: ACTUAL JULY THROUGH DECEMBER 2017: ESTIMATED

PROGRAM TITLE	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	Total for Period
1. Residential Home Energy Survey									
Actual	\$63,343	\$1,691,755	\$2,329	\$1,457,671	\$115,231	\$0	\$149,931	\$146,049	\$3,626,309
Estimated	\$81,162	\$1,928,463	\$0	\$686,550	\$6,184,145	\$0	\$233,028	\$270,532	\$9,383,880
Total	\$144,505	\$3,620,218	\$2,329	\$2,144,221	\$6,299,376	\$0	\$382,958	\$416,581	\$13,010,189
2. Residential Ceiling Insulation									
Actual		\$95,791	\$0	\$34,942	\$0	\$277,780	\$0	\$4,764	\$413,277
Estimated		\$100,762	\$0	\$3,750	\$0	\$460,831	\$0	\$12,044	\$577,386
Total	\$0	\$196,554	\$0	\$38,692	\$0	\$738,611	\$0	\$16,807	\$990,664
3. Residential Air Conditioning									
Actual		\$290,307	\$13	\$115,797	\$0	\$1,871,250	\$0	\$9,430	\$2,286,797
Estimated		\$343,163	\$0	\$52,172	\$0	\$2,627,700	\$0	\$28,966	\$3,052,000
Total	\$0	\$633,470	\$13	\$167,968	\$0	\$4,498,950	\$0	\$38,397	\$5,338,797
4. Residential New Construction (BuildSmart®)									
Actual		\$212,651	\$0	\$55,093	\$0	\$10,025	\$0	\$17,669	\$295,438
Estimated		\$173,623	\$0	\$42,608	\$0	\$12,600	\$0	\$24,892	\$253,723
Total	\$0	\$386,275	\$0	\$97,701	\$0	\$22,625	\$0	\$42,561	\$549,161
5. Residential Low-Income									
Actual		\$152,548	\$2,711	\$31,747	\$0	\$84,223	\$0	\$65,745	\$336,974
Estimated		\$95,155	\$524	\$14,618	\$0	\$217,100	\$0	\$31,488	\$358,885
Total	\$0	\$247,703	\$3,234	\$46,365	\$0	\$301,323	\$0	\$97,233	\$695,859
6. Residential Load Management ("On Call")									
Actual	\$3,844,179	\$65,096	\$80,891	\$2,437,887	\$0	\$17,075,307	\$2,728	\$274,537	\$23,780,625
Estimated	\$4,740,598	\$1,094,779	(\$1,119,989)	\$2,511,290	\$0	\$18,701,292	\$5,981	\$312,045	\$26,245,997
Total	\$8,584,778	\$1,159,874	(\$1,039,098)	\$4,949,178	\$0	\$35,776,599	\$8,709	\$586,582	\$50,026,622
7. Business Energy Evaluation									
Actual	\$193	\$2,193,104	\$611	\$466,948	\$68,919	\$0	\$9,948	\$99,818	\$2,839,541
Estimated	\$25,297	\$2,263,732	\$11,519	\$340,708	\$2,638,780	\$0	\$18,102	\$160,715	\$5,458,852
Total	\$25,490	\$4,456,836	\$12,130	\$807,655	\$2,707,699	\$0	\$28,050	\$260,533	\$8,298,393
8. Business Lighting									
Actual		\$65,477	\$0	\$33,388	\$0	\$285,958	\$0	\$4,483	\$389,306
Estimated		\$116,550	\$0	\$9,079	\$0	\$77,391	\$0	\$5,240	\$208,260
Total	\$0	\$182,028	\$0	\$42,467	\$0	\$363,348	\$0	\$9,723	\$597,566
9. Business Heating, Ventilating & A/C									
Actual		\$209,432	\$0	\$105,077	\$0	\$1,295,328	\$0	\$11,918	\$1,621,755
Estimated		\$262,071	\$0	\$27,759	\$0	\$2,303,716	\$0	\$29,203	\$2,622,748
Total	\$0	\$471,503	\$0	\$132,836	\$0	\$3,599,044	\$0	\$41,121	\$4,244,503

FLORIDA POWER & LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
SUMMARY OF ECCR CALCULATION

SCHEDULE: C-3

JANUARY THROUGH JUNE 2017: ACTUAL JULY THROUGH DECEMBER 2017: ESTIMATED

PROGRAM TITLE	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	Total for Period
10. Business Custom Incentive									
Actual		\$26,018	\$27	\$0	\$0	\$298,369	\$0	\$1,503	\$325,917
Estimated		\$39,966	\$0	\$0	\$0	\$177,264	\$0	\$2,580	\$219,810
Total	\$0	\$65,984	\$27	\$0	\$0	\$475,633	\$0	\$4,083	\$545,727
11. Business On Call									
Actual	\$194,125	\$28,525	\$0	\$44,267	\$0	\$1,348,567	\$0	\$12,693	\$1,628,176
Estimated	\$233,797	\$26,904	(\$146,000)	\$59,269	\$0	\$2,016,092	\$132	\$13,786	\$2,203,980
Total	\$427,921	\$55,428	(\$146,000)	\$103,537	\$0	\$3,364,659	\$132	\$26,479	\$3,832,157
12. Commercial/Industrial Load Control									
Actual		\$92,256	\$67	\$5,865	\$0	\$19,713,848	\$0	\$17,936	\$19,829,972
Estimated		\$88,999	\$2,390	\$20,652	\$0	\$21,711,774	\$17	\$24,540	\$21,848,372
Total	\$0	\$181,255	\$2,458	\$26,517	\$0	\$41,425,622	\$17	\$42,476	\$41,678,344
13. Commercial/Industrial Demand Reduction									
Actual		\$116,171	\$63	\$7,920	\$0	\$9,261,386	\$0	\$26,599	\$9,412,140
Estimated		\$94,448	\$3,579	\$20,669	\$0	\$12,326,222	\$17	\$32,793	\$12,477,728
Total	\$0	\$210,619	\$3,642	\$28,589	\$0	\$21,587,608	\$17	\$59,392	\$21,889,867
14. Cogeneration & Small Power Production									
Actual		\$243,380	(\$763)	\$0	\$0	\$0	\$0	(\$111,472)	\$131,145
Estimated		\$237,034	\$0	\$750	\$0	\$0	\$0	(\$73,855)	\$163,928
Total	\$0	\$480,414	(\$763)	\$750	\$0	\$0	\$0	(\$185,327)	\$295,073
15. Conservation Research & Development									
Actual		\$9,970	\$0	\$36,550	\$0	\$0	\$0	\$20,385	\$66,906
Estimated		\$10,939	\$0	\$87,626	\$0	\$0	\$0	\$0	\$98,565
Total	\$0	\$20,909	\$0	\$124,176	\$0	\$0	\$0	\$20,385	\$165,471
16. Common Expenses									
Actual	\$569,209	\$2,845,533	\$5,201	\$338,758	\$0	\$0	\$19,209	\$522,129	\$4,300,039
Estimated	\$524,936	\$2,987,771	\$14	\$576,111	\$0	\$0	\$10,236	\$484,969	\$4,584,037
Total	\$1,094,145	\$5,833,304	\$5,216	\$914,869	\$0	\$0	\$29,445	\$1,007,098	\$8,884,076
17. Business Photovoltaic for Schools Pilot									
Actual	\$1,126,067								\$1,126,067
Estimated	\$1,083,396								\$1,083,396
Total	\$2,209,463	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,209,463

FLORIDA POWER & LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
SUMMARY OF ECCR CALCULATION

SCHEDULE: C-3

JANUARY THROUGH JUNE 2017: ACTUAL JULY THROUGH DECEMBER 2017: ESTIMATED

PROGRAM TITLE	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	Total for Period
18. Solar Pilot Projects Common Expenses									
Actual	\$103,285								\$103,285
Estimated									\$0
Total	\$103,285	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$103,285
19. Recoverable Conservation Expenses									
Actual	\$5,900,400	\$8,338,015	\$91,150	\$5,171,910	\$184,151	\$51,522,041	\$181,815	\$1,124,185	\$72,513,668
Estimated	\$6,689,186	\$9,864,358	(\$1,247,962)	\$4,453,610	\$8,822,925	\$60,631,981	\$267,513	\$1,359,938	\$90,841,549
Total	\$12,589,586	\$18,202,374	(\$1,156,812)	\$9,625,521	\$9,007,076	\$112,154,022	\$449,328	\$2,484,123	\$163,355,217

Totals may not add due to rounding

Docket No. 20170002-EG
2017 Actual/Estimated - 2018 Projections
Exhibit AS-2, Page 15 of 29

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

SCHEDULE: C-3

JANUARY THROUGH JUNE 2017: ACTUAL JULY THROUGH DECEMBER 2017: 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. Additions/Expenditures		\$0	\$0	\$39,115	\$37,773	\$114,171	\$64,263	\$6,683	\$46,763	\$159,972	\$164,968	\$161,717	\$167,601	
2. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3. 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	
4. 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
5. 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	
6. Less: Accumulated Depreciation	\$337,139	\$345,896	\$354,653	\$363,410	\$372,167	\$380,923	\$389,680	\$398,437	\$407,194	\$415,951	\$424,708	\$433,465	\$442,221	
7. CWIP Balance Eligible for Return	\$0	\$0	\$0	\$39,115	\$76,888	\$191,059	\$255,322	\$262,005	\$308,769	\$468,741	\$633,709	\$795,426	\$963,028	
8. Net Investment (Line 5-6+7)	\$188,273	\$179,516	\$170,759	\$201,117	\$230,133	\$335,547	\$391,053	\$388,980	\$426,986	\$578,202	\$734,413	\$887,373	\$1,046,218	
9. Average Net Investment		\$183,894	\$175,137	\$185,938	\$215,625	\$282,840	\$363,300	\$390,017	\$407,983	\$502,594	\$656,307	\$810,893	\$966,796	
10. Return on Average Net Investment														
a. Equity Component ^(b)		\$736	\$701	\$744	\$863	\$1,132	\$1,453	\$1,568	\$1,640	\$2,021	\$2,639	\$3,261	\$3,887	
b. Equity Component grossed up for taxes (Line 10a/.61425)		\$1,198	\$1,141	\$1,211	\$1,404	\$1,842	\$2,366	\$2,553	\$2,671	\$3,290	\$4,296	\$5,308	\$6,329	\$33,609
c. Debt Component (Line 7 * debt rate * 1/12) ^(c)		\$214	\$204	\$217	\$251	\$330	\$423	\$436	\$456	\$562	\$734	\$906	\$1,081	\$5,814
11. Total Return Requirements (Line 10b + 10c)		\$1,412	\$1,345	\$1,428	\$1,656	\$2,172	\$2,790	\$2,989	\$3,127	\$3,852	\$5,030	\$6,215	\$7,409	\$39,423
12. Total Depreciation & Return (Line 4 + 11)		\$10,169	\$10,102	\$10,185	\$10,413	\$10,929	\$11,547	\$11,746	\$11,884	\$12,609	\$13,787	\$14,971	\$16,166	\$144,505

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

^(b) Monthly Equity Component for Jan-Jun 2017 period is 4.8009%, per Order No. PSC-16-0560-AS-EI issued December 2016 and reflects a 10.55% return on equity, and the monthly Equity Component for the Jul-Dec 2017 period is 4.8251% based on the May 2017 ROR Surveillance Report and reflects a 10.55% return equity.

^(c) Monthly Debt Component for Jan-Jun period is 1.3984% per Order No. PSC-16-0560-AS-EI and the Debt Component for Jul-Dec 2017 is 1.3413% based on May 2017 ROR Surveillance.

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 2017: ACTUAL JULY THROUGH DECEMBER 2017: 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. 6 & 11)														
1. Additions/Expenditures		\$6,243	\$794,232	\$146,542	\$283,867	(\$335,359)	(\$40,616)	(\$450,834)	(\$184,008)	\$18,343	\$43,180	\$56,812	(\$318,066)	
2. Investment (Net of Retirements)		(\$2,858,951)	\$854,060	\$473,488	\$866,598	\$1,057,261	\$874,007	\$2,255,010	\$1,905,883	\$1,667,038	\$998,797	\$886,346	\$1,809,776	\$10,789,313
3. Depreciation Base		\$29,046,596	\$29,900,656	\$30,374,143	\$31,240,741	\$32,298,002	\$33,172,009	\$35,427,019	\$37,332,903	\$38,999,941	\$39,998,738	\$40,885,084	\$42,694,860	
4. Depreciation Expense ^(a)		\$507,935	\$491,227	\$502,290	\$513,457	\$529,490	\$545,583	\$571,021	\$605,294	\$635,038	\$656,108	\$672,233	\$695,321	\$6,924,998
5. Cumulative Investment (Line 2)	\$31,905,547	\$29,046,596	\$29,900,656	\$30,374,143	\$31,240,741	\$32,298,002	\$33,172,009	\$35,427,019	\$37,332,903	\$38,999,941	\$39,998,738	\$40,885,084	\$42,694,860	
6. Less: Accumulated Depreciation	\$12,329,822	\$9,825,854	\$10,316,947	\$10,745,752	\$11,259,209	\$11,746,171	\$12,291,804	\$12,862,826	\$13,391,617	\$13,978,535	\$14,554,511	\$15,041,180	\$15,706,243	
7. CWIP Balance Eligible for Return	\$0	\$6,243	\$800,475	\$947,017	\$1,230,884	\$895,525	\$854,909	\$404,075	\$220,066	\$238,410	\$281,590	\$338,401	\$20,335	
8. Net Investment (Line 5-6+7)	\$19,575,727	\$19,226,984	\$20,384,184	\$20,575,408	\$21,212,416	\$21,447,356	\$21,735,113	\$22,968,269	\$24,161,352	\$25,259,816	\$25,725,817	\$26,182,306	\$27,008,952	
9. Average Net Investment		\$19,401,356	\$19,805,584	\$20,479,796	\$20,893,912	\$21,329,886	\$21,591,235	\$22,351,691	\$23,564,810	\$24,710,584	\$25,492,816	\$25,954,061	\$26,595,629	
10. Return on Average Net Investment														
a. Equity Component ^(b)		\$77,621	\$79,238	\$81,936	\$83,592	\$85,337	\$86,382	\$89,874	\$94,752	\$99,359	\$102,504	\$104,359	\$106,938	
b. Equity Component grossed up for taxes (Line 10a/.61425)		\$126,367	\$129,000	\$133,391	\$136,089	\$138,928	\$140,630	\$146,315	\$154,256	\$161,756	\$166,877	\$169,896	\$174,096	\$1,777,601
c. Debt Component (Line 7 * debt rate * 1/12) ^(c)		\$22,608	\$23,079	\$23,865	\$24,348	\$24,856	\$25,160	\$24,985	\$26,341	\$27,621	\$28,496	\$29,011	\$29,729	\$310,099
11. Total Return Requirements (Line 10b + 10c)		\$148,975	\$152,079	\$157,256	\$160,436	\$163,784	\$165,791	\$171,300	\$180,597	\$189,378	\$195,373	\$198,908	\$203,824	\$2,087,701
12. Total Depreciation & Return (Line 4 + 11)		\$656,910	\$643,306	\$659,546	\$673,894	\$693,273	\$711,374	\$742,321	\$785,891	\$824,416	\$851,481	\$871,141	\$899,145	\$9,012,699
Allocation of Depreciation and Return on Investment Between Programs														
Residential On Call Program No. 6 (95.3%)														
Depreciation (Prog #6)		\$484,062	\$468,139	\$478,682	\$489,325	\$504,604	\$519,941	\$544,183	\$576,845	\$605,191	\$625,271	\$640,638	\$662,641	\$6,599,523
Return (Prog #6)		\$141,253	\$144,211	\$149,145	\$152,175	\$155,365	\$157,278	\$163,249	\$172,109	\$180,477	\$186,190	\$189,559	\$194,245	\$1,985,254
Total (Prog #6)		\$625,314	\$612,350	\$627,827	\$641,500	\$659,969	\$677,219	\$707,432	\$748,954	\$785,668	\$811,461	\$830,197	\$856,886	\$8,584,778
Business On Call Program No. 11 (4.7%)														
Depreciation (Prog #11)		\$23,873	\$23,088	\$23,608	\$24,132	\$24,886	\$25,642	\$26,838	\$28,449	\$29,847	\$30,837	\$31,595	\$32,680	\$325,475
Return (Prog #11)		\$7,723	\$7,868	\$8,112	\$8,261	\$8,419	\$8,513	\$8,051	\$8,488	\$8,901	\$9,183	\$9,349	\$9,580	\$102,446
Total (Prog #11)		\$31,595	\$30,956	\$31,719	\$32,394	\$33,305	\$34,155	\$34,889	\$36,937	\$38,748	\$40,020	\$40,944	\$42,260	\$427,921
Total														
Depreciation		\$507,935	\$491,227	\$502,290	\$513,457	\$529,490	\$545,583	\$571,021	\$605,294	\$635,038	\$656,108	\$672,233	\$695,321	\$6,924,998
Return		\$148,975	\$152,079	\$157,256	\$160,436	\$163,784	\$165,791	\$171,300	\$180,597	\$189,378	\$195,373	\$198,908	\$203,824	\$2,087,701
Total		\$656,910	\$643,306	\$659,546	\$673,894	\$693,273	\$711,374	\$742,321	\$785,891	\$824,416	\$851,481	\$871,141	\$899,145	\$9,012,699

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

^(b) Monthly Equity Component for Jan-Jun 2017 period is 4.8009%, per Order No. PSC-16-0560-AS-EI issued December 2016 and reflects a 10.55% return on equity, and the monthly Equity Component for the Jul-Dec 2017 period is 4.8251% based on the May 2017 ROR Surveillance Report and reflects a 10.55% return equity.

^(c) Monthly Debt Component for Jan-Jun period is 1.3984% per Order No. PSC-16-0560-AS-EI and the Debt Component for Jul-Dec 2017 is 1.3413% based on May 2017 ROR Surveillance.

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 2017: ACTUAL JULY THROUGH DECEMBER 2017: 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
7. Business Energy Evaluation														
1. Additions/Expenditures		\$0	\$0	\$2,530	\$2,238	\$3,114	\$12,021	\$24,232	\$131,609	\$274,420	\$284,432	\$263,286	\$153,516	
2. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,903	\$137,842	\$157,745
3. Depreciation Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,903	\$157,745	
4. Depreciation Expense ^(a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$166	\$1,480	\$1,646
5. Cumulative Investment (Line 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,903	\$157,745	
6. Less: Accumulated Depreciation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$166	\$1,646	
7. CWIP Balance Eligible for Return	\$0	\$0	\$0	\$2,530	\$4,768	\$7,882	\$19,903	\$44,135	\$175,744	\$450,164	\$734,597	\$997,882	\$1,151,399	
8. Net Investment (Line 5-6+7)	\$0	\$0	\$0	\$2,530	\$4,768	\$7,882	\$19,903	\$44,135	\$175,744	\$450,164	\$734,597	\$1,017,620	\$1,307,498	
9. Average Net Investment		\$0	\$0	\$1,265	\$3,649	\$6,325	\$13,893	\$32,019	\$109,940	\$312,954	\$592,380	\$876,108	\$1,162,559	
10. Return on Average Net Investment														
a. Equity Component ^(b)		\$0	\$0	\$5	\$15	\$25	\$56	\$129	\$442	\$1,258	\$2,382	\$3,523	\$4,675	
b. Equity Component grossed up for taxes (Line 10a/.61425)		\$0	\$0	\$8	\$24	\$41	\$90	\$210	\$720	\$2,049	\$3,878	\$5,735	\$7,610	\$20,364
c. Debt Component (Line 7 * debt rate * 1/12) ^(c)		\$0	\$0	\$1	\$4	\$7	\$16	\$36	\$123	\$350	\$662	\$979	\$1,300	\$3,479
11. Total Return Requirements (Line 10b + 10c)		\$0	\$0	\$10	\$28	\$49	\$107	\$245	\$843	\$2,398	\$4,540	\$6,714	\$8,910	\$23,843
12. Total Depreciation & Return (Line 4 + 11)		\$0	\$0	\$10	\$28	\$49	\$107	\$245	\$843	\$2,398	\$4,540	\$6,880	\$10,390	\$25,490

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

^(b) Monthly Equity Component for Jan-Jun 2017 period is 4.8009%, per Order No. PSC-16-0560-AS-EI issued December 2016 and reflects a 10.55% return on equity, and the monthly Equity Component for the Jul-Dec 2017 period is 4.8251% based on the May 2017 ROR Surveillance Report and reflects a 10.55% return equity.

^(c) Monthly Debt Component for Jan-Jun period is 1.3984% per Order No. PSC-16-0560-AS-EI and the Debt Component for Jul-Dec 2017 is 1.3413% based on May 2017 ROR Surveillance.

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 2017: ACTUAL JULY THROUGH DECEMBER 2017: 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
16. Common Expenses														
1. Additions/Expenditures		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Investment (Net of Retirements)		\$0	(\$981,679)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$378,901)	(\$1,360,580)
3. Depreciation Base		\$5,497,764	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,137,184	
4. Depreciation Expense ^(a)		\$83,449	\$75,268	\$75,268	\$75,268	\$75,268	\$75,268	\$75,268	\$75,268	\$75,268	\$75,268	\$72,111	\$63,259	\$896,231
5. Cumulative Investment (Line 2)	\$5,497,764	\$5,497,764	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,137,184	
6. Less: Accumulated Depreciation	\$2,889,462	\$2,972,911	\$2,066,500	\$2,141,768	\$2,217,036	\$2,292,304	\$2,367,572	\$2,442,840	\$2,518,108	\$2,593,376	\$2,668,644	\$2,740,755	\$2,425,113	
7. CWIP Balance Eligible for Return	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
8. Net Investment (Line 5-6+7)	\$2,608,302	\$2,524,853	\$2,449,585	\$2,374,317	\$2,299,049	\$2,223,781	\$2,148,513	\$2,073,245	\$1,997,977	\$1,922,709	\$1,847,441	\$1,775,330	\$1,712,071	
9. Average Net Investment		\$2,566,578	\$2,487,219	\$2,411,951	\$2,336,683	\$2,261,415	\$2,186,147	\$2,110,879	\$2,035,611	\$1,960,343	\$1,885,075	\$1,811,385	\$1,743,701	
10. Return on Average Net Investment														
a. Equity Component ^(b)		\$10,268	\$9,951	\$9,650	\$9,349	\$9,047	\$8,746	\$8,488	\$8,185	\$7,882	\$7,580	\$7,283	\$7,011	
b. Equity Component grossed up for taxes (Line 10a/.61425)		\$16,717	\$16,200	\$15,710	\$15,220	\$14,729	\$14,239	\$13,818	\$13,325	\$12,832	\$12,340	\$11,857	\$11,414	\$168,402
c. Debt Component (Line 7 * debt rate * 1/12) ^(c)		\$2,991	\$2,898	\$2,811	\$2,723	\$2,635	\$2,548	\$2,360	\$2,275	\$2,191	\$2,107	\$2,025	\$1,949	\$29,513
11. Total Return Requirements (Line 10b + 10c)		\$19,708	\$19,098	\$18,520	\$17,942	\$17,365	\$16,787	\$16,177	\$15,601	\$15,024	\$14,447	\$13,882	\$13,363	\$197,914
12. Total Depreciation & Return (Line 4 + 11)		\$103,156	\$94,366	\$93,789	\$93,211	\$92,633	\$92,055	\$91,445	\$90,869	\$90,292	\$89,715	\$88,993	\$76,622	\$1,094,145

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

^(b) Monthly Equity Component for Jan-Jun 2017 period is 4.8009%, per Order No. PSC-16-0560-AS-EI issued December 2016 and reflects a 10.55% return on equity, and the monthly Equity Component for the Jul-Dec 2017 period is 4.8251% based on the May 2017 ROR Surveillance Report and reflects a 10.55% return equity.

^(c) Monthly Debt Component for Jan-Jun period is 1.3984% per Order No. PSC-16-0560-AS-EI and the Debt Component for Jul-Dec 2017 is 1.3413% based on May 2017 ROR Surveillance.

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 2017: ACTUAL JULY THROUGH DECEMBER 2017: 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
17. Business Photovoltaic for Schools Pilot														
1. Additions/Expenditures		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Investment (Net of Retirements)		\$0	\$0	\$1,420	(\$1,420)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3. Depreciation Base		\$9,185,108	\$9,185,108	\$9,186,528	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108
4. Depreciation Expense ^(a)		\$153,085	\$153,085	\$153,097	\$153,097	\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$1,837,045
5. Cumulative Investment (Line 2)	\$9,185,108	\$9,185,108	\$9,185,108	\$9,186,528	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108
6. Less: Accumulated Depreciation	\$4,221,526	\$4,374,611	\$4,527,697	\$4,680,793	\$4,833,890	\$4,986,976	\$5,140,061	\$5,293,146	\$5,446,231	\$5,599,316	\$5,752,401	\$5,905,486	\$6,058,572	
7. CWIP Balance Eligible for Return	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Net Investment (Line 5-6+7)	\$4,963,582	\$4,810,497	\$4,657,412	\$4,505,735	\$4,351,218	\$4,198,133	\$4,045,048	\$3,891,963	\$3,738,877	\$3,585,792	\$3,432,707	\$3,279,622	\$3,126,537	
9. Average Net Investment		\$4,887,040	\$4,733,954	\$4,581,573	\$4,428,476	\$4,274,675	\$4,121,590	\$3,968,505	\$3,815,420	\$3,662,335	\$3,509,250	\$3,356,165	\$3,203,079	
10. Return on Average Net Investment														
a. Equity Component ^(b)		\$19,552	\$18,940	\$18,330	\$17,717	\$17,102	\$16,490	\$15,957	\$15,341	\$14,726	\$14,110	\$13,495	\$12,879	
b. Equity Component grossed up for taxes (Line 10a/.61425)		\$31,831	\$30,834	\$29,841	\$28,844	\$27,842	\$26,845	\$25,978	\$24,976	\$23,974	\$22,972	\$21,970	\$20,967	\$316,873
c. Debt Component (Line 7 * debt rate * 1/12) ^(c)		\$5,695	\$5,516	\$5,339	\$5,161	\$4,981	\$4,803	\$4,436	\$4,265	\$4,094	\$3,923	\$3,752	\$3,580	\$55,544
11. Total Return Requirements (Line 10b + 10c)		\$37,526	\$36,350	\$35,180	\$34,005	\$32,824	\$31,648	\$30,414	\$29,241	\$28,068	\$26,894	\$25,721	\$24,548	\$372,418
12. Total Depreciation & Return (Line 4 + 11)		\$190,611	\$189,435	\$188,277	\$187,102	\$185,909	\$184,733	\$183,499	\$182,326	\$181,153	\$179,979	\$178,806	\$177,633	\$2,209,463

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

^(b) Monthly Equity Component for Jan-Jun 2017 period is 4.8009%, per Order No. PSC-16-0560-AS-EI issued December 2016 and reflects a 10.55% return on equity, and the monthly Equity Component for the Jul-Dec 2017 period is 4.8251% based on the May 2017 ROR Surveillance Report and reflects a 10.55% return equity.

^(c) Monthly Debt Component for Jan-Jun period is 1.3984% per Order No. PSC-16-0560-AS-EI and the Debt Component for Jul-Dec 2017 is 1.3413% based on May 2017 ROR Surveillance.

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 2017: ACTUAL JULY THROUGH DECEMBER 2017: 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
18. Solar Pilot Projects Common Expenses														
1. Additions/Expenditures		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	(\$1,746,648)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,746,648)
3. Depreciation Base		\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4. Depreciation Expense ^(a)		\$29,111	\$29,111	\$29,111	\$14,555	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$101,888
5. Cumulative Investment (Line 2)	\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6. Less: Accumulated Depreciation	\$1,644,760	\$1,673,871	\$1,702,982	\$1,732,093	\$1,746,648	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7. CWIP Balance Eligible for Return	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Net Investment (Line 5-6+7)	\$101,888	\$72,777	\$43,666	\$14,555	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Average Net Investment		\$87,332	\$58,222	\$29,111	\$7,278	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10. Return on Average Net Investment														
a. Equity Component ^(b)		\$349	\$233	\$116	\$29	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Equity Component grossed up for taxes (Line 10a/.61425)		\$569	\$379	\$190	\$47	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,185
c. Debt Component (Line 7 * debt rate * 1/12) ^(c)		\$102	\$68	\$34	\$8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$212
11. Total Return Requirements (Line 10b + 10c)		\$671	\$447	\$224	\$56	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,397
12. Total Depreciation & Return (Line 4 + 11)		\$29,781	\$29,558	\$29,334	\$14,611	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$103,285

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

^(b) Monthly Equity Component for Jan-Jun 2017 period is 4.8009%, per Order No. PSC-16-0560-AS-EI issued December 2016 and reflects a 10.55% return on equity, and the monthly Equity Component for the Jul-Dec 2017 period is 4.8251% based on the May 2017 ROR Surveillance Report and reflects a 10.55% return equity.

^(c) Monthly Debt Component for Jan-Jun period is 1.3984% per Order No. PSC-16-0560-AS-EI and the Debt Component for Jul-Dec 2017 is 1.3413% based on May 2017 ROR Surveillance.

Totals may not add due to rounding.

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

SCHEDULE: C-3

JANUARY THROUGH JUNE 2017: ACTUAL JULY THROUGH DECEMBER 2017: ESTIMATED

PROGRAM TITLE	Monthly Data												Twelve Month 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	
1. Residential Home Energy Survey	\$631,663	\$528,655	\$504,133	\$425,443	\$455,769	\$1,080,646	\$2,261,331	\$1,571,977	\$2,999,213	\$1,491,954	\$571,621	\$487,785	\$13,010,190
2. Residential Ceiling Insulation	\$41,841	\$51,620	\$55,638	\$64,348	\$86,080	\$113,751	\$90,497	\$117,978	\$108,274	\$91,565	\$88,030	\$81,042	\$990,664
3. Residential Air Conditioning	\$289,479	\$265,755	\$352,716	\$370,531	\$477,855	\$530,461	\$644,771	\$657,140	\$554,390	\$485,024	\$358,215	\$352,463	\$5,338,798
4. Residential New Construction (BuildSmart®)	\$43,190	\$47,049	\$54,696	\$50,326	\$51,060	\$49,118	\$36,995	\$56,952	\$40,509	\$48,237	\$36,093	\$34,936	\$549,160
5. Residential Low-Income Weatherization	\$44,613	\$43,215	\$48,560	\$88,588	\$64,391	\$47,607	\$25,483	\$25,083	\$26,320	\$112,362	\$85,484	\$84,152	\$695,858
6. Residential Load Management ("On Call")	\$3,564,729	\$3,249,611	\$3,346,484	\$4,664,936	\$4,459,449	\$4,495,416	\$4,681,182	\$4,765,144	\$4,794,628	\$4,894,355	\$3,540,932	\$3,569,756	\$50,026,622
7. Business Energy Evaluation	\$478,209	\$477,623	\$471,960	\$396,543	\$442,900	\$572,307	\$645,477	\$1,545,767	\$1,341,504	\$869,680	\$558,897	\$497,527	\$8,298,393
8. Business Lighting	\$124,454	\$72,478	\$55,809	\$29,880	\$66,401	\$40,284	\$77,397	\$33,882	\$27,449	\$24,462	\$27,162	\$17,908	\$597,567
9. Business Heating, Ventilating & A/C	\$135,692	\$764,763	\$145,748	\$133,833	\$230,478	\$211,241	\$771,174	\$123,362	\$366,010	\$78,297	\$910,302	\$373,604	\$4,244,503
10. Business Custom Incentive	\$95,523	\$193,953	\$23,929	\$4,727	\$3,881	\$3,905	\$84,901	\$88,491	\$8,724	\$13,345	\$14,911	\$9,439	\$545,728
11. Business On Call	\$40,149	\$45,748	\$42,244	\$504,940	\$500,813	\$494,282	\$558,370	\$562,109	\$561,217	\$422,898	\$50,631	\$48,756	\$3,832,157
12. Commercial/Industrial Load Control	\$3,190,462	\$2,337,092	\$2,483,517	\$2,654,569	\$3,386,924	\$5,777,407	\$3,567,518	\$3,659,925	\$2,938,930	\$2,805,161	\$3,433,444	\$5,443,393	\$41,678,343
13. Commercial/Industrial Demand Reduction	\$1,432,096	\$1,397,998	\$1,424,527	\$1,540,345	\$1,749,948	\$1,867,226	\$2,129,418	\$2,216,163	\$2,254,391	\$2,165,645	\$1,902,746	\$1,809,365	\$21,889,867
14. Cogeneration & Small Power Production	\$26,668	\$16,839	\$24,643	\$18,108	\$23,695	\$21,192	\$26,106	\$29,752	\$26,106	\$27,929	\$27,929	\$26,106	\$295,073
15. Conservation Research & Development	\$3,168	\$2,399	\$3,186	\$37,948	\$20,204	\$0	\$0	(\$0)	\$31,888	\$35,285	\$14,260	\$17,133	\$165,471
16. Common Expenses	\$664,408	\$790,130	\$750,589	\$646,292	\$752,702	\$695,917	\$657,586	\$746,436	\$766,757	\$815,565	\$817,154	\$780,541	\$8,884,076
17. Business Photovoltaic for Schools Pilot	\$190,611	\$189,435	\$188,277	\$187,102	\$185,909	\$184,733	\$183,499	\$182,326	\$181,153	\$179,979	\$178,806	\$177,633	\$2,209,463
18. Solar Pilot Projects Common Expenses	\$29,781	\$29,558	\$29,334	\$14,611	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$103,285
19. Recoverable Conservation Expenses	\$11,026,734	\$10,503,923	\$10,005,989	\$11,833,070	\$12,958,458	\$16,185,493	\$16,441,705	\$16,382,487	\$17,027,463	\$14,561,741	\$12,616,616	\$13,811,539	\$163,355,218

Note: Totals may not add up due to rounding

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

SCHEDULE: C-3

JANUARY THROUGH JUNE 2017: ACTUAL JULY THROUGH DECEMBER 2017: ESTIMATED

	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Total
CONSERVATION PROGRAM REVENUES													
1. Total Conservation Revenues (Net of Revenues Taxes)	\$11,463,704	\$10,155,930	\$10,572,566	\$11,508,556	\$12,826,528	\$13,993,695	\$14,798,818	\$14,954,762	\$14,718,472	\$13,148,877	\$11,710,292	\$10,875,028	\$150,727,228
2. Adjustment Not Applicable To Period - Prior True-up	\$1,517,796	\$1,517,796	\$1,517,796	\$1,517,796	\$1,517,796	\$1,517,796	\$1,517,796	\$1,517,796	\$1,517,796	\$1,517,796	\$1,517,796	\$1,517,796	\$18,213,554
3. Conservation Revenues Applicable To Period (Line 1 + 2)	\$12,981,500	\$11,673,726	\$12,090,362	\$13,026,352	\$14,344,324	\$15,511,491	\$16,316,614	\$16,472,558	\$16,236,268	\$14,666,673	\$13,228,088	\$12,392,824	\$168,940,781
4. Conservation Expenses (From C-3, Page 21, Line 20)	\$11,026,734	\$10,503,923	\$10,005,989	\$11,833,070	\$12,958,458	\$16,185,493	\$16,441,705	\$16,382,487	\$17,027,463	\$14,561,741	\$12,616,616	\$13,811,539	\$163,355,218
5. True-up This Period (Line 3 - Line 4)	\$1,954,765	\$1,169,803	\$2,084,373	\$1,193,282	\$1,385,866	(\$674,002)	(\$125,091)	\$90,071	(\$791,195)	\$104,932	\$611,473	(\$1,418,715)	\$5,585,563
6. Interest Provision For The Month (From C-3, Page 23, Line 10)	\$15,997	\$15,156	\$17,434	\$19,967	\$19,921	\$21,375	\$21,038	\$19,675	\$18,012	\$16,353	\$15,324	\$13,609	\$213,862
7. True-up & Interest Provision Beginning of Month	\$18,213,555	\$18,666,522	\$18,333,685	\$18,917,696	\$18,613,148	\$18,501,140	\$16,330,716	\$14,708,868	\$13,300,818	\$11,009,839	\$9,613,328	\$8,722,328	\$18,213,555
7a. Deferred True-up Beginning of Period	\$7,866,571	\$7,866,571	\$7,866,571	\$7,866,571	\$7,866,571	\$7,866,571	\$7,866,571	\$7,866,571	\$7,866,571	\$7,866,571	\$7,866,571	\$7,866,571	\$7,866,571
8. Prior True-up Collected/(Refunded)	(\$1,517,796)	(\$1,517,796)	(\$1,517,796)	(\$1,517,796)	(\$1,517,796)	(\$1,517,796)	(\$1,517,796)	(\$1,517,796)	(\$1,517,796)	(\$1,517,796)	(\$1,517,796)	(\$1,517,796)	(\$18,213,554)
9. End of Period True-up - Over/(Under) Recovery (Line 5+6+7+7a+8)	\$26,533,093	\$26,200,256	\$26,784,267	\$26,479,719	\$26,367,711	\$24,197,287	\$22,575,439	\$21,167,389	\$18,876,410	\$17,479,899	\$16,588,899	\$13,665,997	\$13,665,997

Docket No. 20170002-EG
2017 Actual/Estimated - 2018 Projections
Exhibit AS-2, Page 23 of 29

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

SCHEDULE: C-3

JANUARY THROUGH JUNE 2017: ACTUAL JULY THROUGH DECEMBER 2017: ESTIMATED

	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Total
INTEREST PROVISION													
1. Beginning True-up Amount (Page 22, Line 7+7a)	\$26,080,126	\$26,533,093	\$26,200,256	\$26,784,267	\$26,479,719	\$26,367,711	\$24,197,287	\$22,575,439	\$21,167,389	\$18,876,410	\$17,479,899	\$16,588,899	N/A
2. Ending True-up Amount Before Interest (page 22 Line 5+7+7a+8)	\$26,517,095	\$26,185,100	\$26,766,833	\$26,459,753	\$26,347,789	\$24,175,912	\$22,554,400	\$21,147,714	\$18,858,399	\$17,463,546	\$16,573,575	\$13,652,388	N/A
3. Total of Beginning & Ending True-up (Line 1+2)	\$52,597,221	\$52,718,192	\$52,967,090	\$53,244,020	\$52,827,509	\$50,543,623	\$46,751,687	\$43,723,152	\$40,025,788	\$36,339,956	\$34,053,474	\$30,241,288	N/A
4. Average True-up Amount (50% of Line 3)	\$26,298,611	\$26,359,096	\$26,483,545	\$26,622,010	\$26,413,754	\$25,271,811	\$23,375,844	\$21,861,576	\$20,012,894	\$18,169,978	\$17,026,737	\$15,120,644	N/A
5. Interest Rate - First Day of Reporting Business Month	0.72000%	0.74000%	0.64000%	0.94000%	0.86000%	0.95000%	1.08000%	1.08000%	1.08000%	1.08000%	1.08000%	1.08000%	N/A
6. Interest Rate - First day of Subsequent Business Month	0.74000%	0.64000%	0.94000%	0.86000%	0.95000%	1.08000%	1.08000%	1.08000%	1.08000%	1.08000%	1.08000%	1.08000%	N/A
7. Total (Line 5 + 6)	1.46000%	1.38000%	1.58000%	1.80000%	1.81000%	2.03000%	2.16000%	2.16000%	2.16000%	2.16000%	2.16000%	2.16000%	N/A
8. Average Interest Rate (50% of Line 7)	0.73000%	0.69000%	0.79000%	0.90000%	0.90500%	1.01500%	1.08000%	1.08000%	1.08000%	1.08000%	1.08000%	1.08000%	N/A
9. Monthly Average Interest Rate (Line 8 / 12)	0.06083%	0.05750%	0.06583%	0.07500%	0.07542%	0.08458%	0.09000%	0.09000%	0.09000%	0.09000%	0.09000%	0.09000%	N/A
10. Interest Provision for the Month (Line 4 x 9)	\$15,997	\$15,156	\$17,434	\$19,967	\$19,921	\$21,375	\$21,038	\$19,675	\$18,012	\$16,353	\$15,324	\$13,609	\$213,862

Docket No. 20170002-EG
2017 Actual/Estimated - 2018 Projections
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FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170002-EG EXHIBIT: 9
PARTY: FLORIDA POWER & LIGHT
COMPANY (Direct)
DESCRIPTION: Anita Sharma AS-2

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 Ceiling Insulation

This program encourages customers to improve the home's thermal efficiency.

3. Residential Air-Conditioning

This program encourages customers to install high-efficiency central air-conditioning systems.

4. Residential New Construction (BuildSmart®)

This program encourages builders and developers to design and construct new homes that achieve BuildSmart® certification and move towards ENERGY STAR® qualifications.

5. Residential Low Income

This program assists low income customers through state Weatherization Assistance Provider (WAP) agencies and FPL-conducted Energy Retrofits.

6. 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.

7. 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

8. Business Lighting

This program encourages customers to install high-efficiency lighting systems.

9. Business Heating, Ventilating and Air Conditioning (HVAC)

This program encourages customers to install high-efficiency HVAC systems.

10. Business Custom Incentive (BCI)

This program encourages customers to install unique high-efficiency technologies not covered by other FPL DSM programs.

11. Business On Call

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

FPL DSM Program & Pilot Descriptions (cont'd)

1. 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.

2. 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.

3. Cogeneration and Small Power Production

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

4. Conservation Research & Development (CRD) Project

Under this project, FPL conducts 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.

5. Common Expenses

For administrative efficiency this includes all costs that are not specifically attributable to a particular program.

6. Business PV for Schools Pilot

Under this pilot, FPL installed photovoltaic (PV) systems and provided 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 issues of PV. This pilot was discontinued on December 31, 2015. There will be capital depreciation and return costs for this pilot until 2021 when ownership of the last PV systems is transferred to their respective customers.

7. Solar Pilot Project Common Expenses

For administrative efficiency, this included all costs that were not specific to a particular solar pilot. Costs are for residual capital depreciation and return associated with computer systems which supported the discontinued solar pilots.

Florida Power & Light Company
Program Progress - 2017 Actual/Estimated and 2018 Projection

Schedule C-5

Pgm. No.	Program Title	2017 Actual/Estimated	2018 Projection	Progress Summary (Inception through June 2017)
1	Residential Energy Survey	Surveys = 104,171 Cost = \$13,010,189	Surveys = 100,000 Cost = \$13,513,288	Surveys = 3,837,479
2	Residential Ceiling Insulation	Participants = 4,091 Cost = \$990,664	Participants = 4,175 Cost = \$927,246	Participants = 573,718
3	Residential Air Conditioning	Participants = 29,994 Cost = \$5,338,797	Participants = 26,852 Cost = \$4,852,673	Participants = 1,912,891
4	Residential New Construction (BuildSmart®)	Participants = 2,666 Cost = \$549,161	Participants = 4,096 Cost = \$452,124	Participants = 42,772
5	Residential Low-Income	Participants = 3,295 Cost = \$695,859	Participants = 2,774 Cost = \$952,451	Participants = 12,270
6	Residential Load Management (On Call)	Participants = 9,572 Cost = \$50,026,622	Participants = 6,729 Cost = \$53,056,070	Participants = 780,454
7	Business Energy Evaluation	Evaluations = 11,789 Cost = \$8,298,393	Evaluations = 12,000 Cost = \$7,683,319	Evaluations = 233,728
8	Business Lighting	kW = 4,930 Cost = \$597,566	kW = 3,161 Cost = \$536,484	kW = 295,591
9	Business Heating, Ventilating and Air Conditioning	kW = 8,645 Cost = \$4,244,503	kW = 9,666 Cost = \$5,338,059	kW = 407,137
10	Business Custom Incentive	kW = 2,364 Cost = \$545,727	kW = 617 Cost = \$323,435	kW = 54,118
11	Business On Call	kW = 1,567 Cost = \$3,832,157	kW = 1,200 Cost = \$4,142,530	MW under contract = 80
12	Commercial/Industrial Load Control (CILC)	Closed to new participants Cost = \$41,678,344	Closed to new participants Cost = \$41,008,387	MW under contract = 462
13	Commercial/Industrial Demand Reduction	kW = 21,156 Cost = \$21,889,867	kW = 45,000 Cost = \$25,557,229	MW under contract = 265
14	Cogeneration & Small Power Production	MW = 4 GWh = 415 Cost = \$295,073	MW = 4 GWh = 593 Cost = \$371,334	MW & GWh represent contracted purchase power Firm Producers = 1 As Available Producers = 8
15	Conservation Research & Development	Cost = \$165,471	Cost = \$335,000	See Schedule C-5, Page 29
16	Common Expenses	Cost = \$8,884,076	Cost = \$8,139,546	Not Applicable
17	Business Photovoltaic for Schools ⁽¹⁾	Cost = \$2,209,463	Cost = \$2,040,085	Not Applicable
18	Solar Pilot Project Common Expenses ⁽¹⁾	Cost = \$103,285	Cost = \$0	Not Applicable

(1) Recovery of Depreciation and Return
 kW and MW reduction are at the generator

Schedule C-5

Conservation Research & Development (CRD) Program

CO₂ Heating Pump Water Heater Study

This project will evaluate the readiness of CO₂ water heating heat pump technology which is now available in the United States. The tests will be conducted in a climate-controlled chamber. Testing will reflect the important factors affecting energy efficiency such as: the typical FPL service territory meteorological conditions; typical inlet water temperatures; and indoor v. unconditioned (garage) space installation.

Precision Temperature Monitoring Testing

This project will develop and evaluate performance of precision temperature monitors (PTM) in homes along with data analysis services. The PTM will measure changes in home temperature to determine building performance and other issues that affect a home's energy consumption. The analysis will include performance indicators for the building envelope, assessment of thermostat behavior and air conditioning sizing and apparent operational performance. The PTM will provide energy data via a mobile device and a report for use by FPL field representatives during a Residential Home Energy Survey.

Load Management Software and Hardware Evaluations

This project builds on the 2016 findings from evaluating the potential benefits of implementing software and/or hardware upgrades for FPL's Residential Load Management program. In this 2nd phase FPL will test the transponders with the new software to identify any incremental benefits from the combination of the two upgrades.

Electric Power Research Institute Annual Program Membership

This Electric Power Research Institute (EPRI) research project will produce an "EE Technology Readiness Guide" to provide participating utilities with a readiness assessment of technologies in various stages of development and enable comparisons among these technologies. The technologies to be included are currently being assessed by multiple EPRI programs such as; the Technology Innovation program, the collaborative End-Use Energy Efficiency and Demand Response research program, etc. Participation allows FPL to cost-efficiently gain this information by leveraging the co-funding with other utilities.

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-1

CONSERVATION ADJUSTMENT TRUE-UP

PAGE 1 OF 1

FOR MONTHS January-16 THROUGH December-16

1.	ADJUSTED END OF PERIOD TOTAL NET TRUE-UP		
2.	FOR MONTHS January-16 THROUGH December-16		
3.	END OF PERIOD NET TRUE-UP		
4.	PRINCIPAL	<u>(65,698)</u>	
5.	INTEREST	<u>84</u>	<u>(65,614)</u>
6.	LESS PROJECTED TRUE-UP		
7.	November-16 (DATE) HEARINGS		
8.	PRINCIPAL	<u>(68,275)</u>	
9.	INTEREST	<u>106</u>	<u>(68,169)</u>
10.	ADJUSTED END OF PERIOD TOTAL TRUE-UP		<u>2,555</u>

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FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170002-EG EXHIBIT: 10
PARTY: FLORIDA PUBLIC UTILITIES
COMPANY (Direct)
DESCRIPTION: Curtis Young CDY-1

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS
ACTUAL VS PROJECTED

	FOR MONTHS	January-16	THROUGH	December-16	
		<u>ACTUAL</u>		<u>PROJECTED*</u>	<u>DIFFERENCE</u>
1.	LABOR/PAYROLL	378,401		341,584	36,817
2.	ADVERTISING	90,449		89,915	534
3.	LEGAL	9,832		11,919	(2,087)
4.	OUTSIDE SERVICES/CONTRACT	31,463		64,138	(32,675)
5.	VEHICLE COST	13,930		25,041	(11,111)
6.	MATERIAL & SUPPLIES	7,049		12,171	(5,122)
7.	TRAVEL	53,005		43,905	9,100
8.	GENERAL & ADMIN	0		0	0
9.	INCENTIVES	69,211		70,834	(1,623)
10.	OTHER	34,250		27,169	7,081
11.	SUB-TOTAL	687,590		686,676	914
12.	PROGRAM REVENUES				
13.	TOTAL PROGRAM COSTS	687,590		686,676	914
14.	LESS: PRIOR PERIOD TRUE-UP	117,309		117,309	0
15.	AMOUNTS INCLUDED IN RATE BASE				
16.	CONSERVATION ADJ REVENUE	(870,597)		(872,260)	1,663
17.					
18.	TRUE-UP BEFORE INTEREST	(65,698)		(68,275)	2,577
19.	ADD INTEREST PROVISION	84		106	(22)
20.	END OF PERIOD TRUE-UP	(65,614)		(68,169)	2,555

() REFLECTS OVERRECOVERY

* 6 MONTHS ACTUAL AND 6 MONTHS PROJECTED

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COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

ACTUAL 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	262,436	38,215	9,832	10,927	6,218	4,734	31,883	0	0	23,143	387,388	0	387,388
2. Residential Energy Survey	63,095	7,646	0	20,536	3,988	1,228	11,200	0	0	9,939	117,632	0	117,632
3. Loan Program (discontinued but remains open)											0		0
4. Commercial Energy Survey	0	0	0	0	0	0	0	0	0	0	0		0
5. Low Income Education	993	0	0	0	42	15	139	0	0	19	1,207		1,207
6. Commercial Heating & Cooling Upgrade	0	13,542	0	0	0	0	0	0	508	0	14,050		14,050
7. Residential Heating & Cooling Upgrade	2,576	7,166	0	0	213	71	566	0	29,078	101	39,772		39,772
8. Commercial Indoor Efficient Lighting Rebate	0	0	0	0	0	0	0	0	35,731	0	35,731		35,731
9. Commercial Window Film Installation Program	0	0	0	0	0	0	0	0	0	0	0		0
10. Commercial Chiller Upgrade Program	8,266	12,046	0	0	490	126	1,367	0	422	76	22,792		22,792
11. Solar Water Heating Program	0	0	0	0	0	0	0	0	0	0	0		0
12. Solar Photovoltaic Program	285	0	0	0	24	14	94	0	0	6	422		422
13. Electric Conservation Demonstration and Development	4,940	0	0	0	266	45	1,130	0	0	15	6,398		6,398
14. Commercial Reflective Roof	3,826	11,598	0	0	226	47	692	0	3,473	58	19,921		19,921
15. Commercial Energy Consultant	31,985	235	0	0	2,462	768	5,933	0	0	893	42,277		42,277
16.											0		0
17.											0		0
18.											0		0
19.											0		0
20.											0		0
21.											0		0
22.											0		0
TOTAL ALL PROGRAMS	378,401	90,449	9,832	31,463	13,930	7,049	53,005	0	69,211	34,250	687,590	0	687,590

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

CONSERVATION COSTS PER PROGRAM--VARIANCE ACTUAL VS PROJECTED
VARIANCE ACTUAL VS PROJECTED

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	23,368	8,848	(2,087)	(16,961)	(9,218)	(2,752)	3,498	0	0	2,893	7,589		7,589
2. Residential Energy Survey	3,463	(4,682)	0	20,536	(1,708)	(1,918)	2,877	0	0	4,259	22,827		22,827
3. Loan Program (discontinued but remains open)											0		0
4. Commercial Energy Survey	0	0	0	0	0	0	0	0	0	0	0		0
5. Low Income Education	(2,186)	(3,750)	0	0	(481)	(495)	(187)	0	0	(40)	(7,140)		(7,140)
6. Commercial Heating & Cooling Upgrade	(500)	5,078	0	0	0	(50)	(50)	0	(625)	(50)	3,803		3,803
7. Residential Heating & Cooling Upgrade	(1,505)	(7,641)	0	0	(195)	(32)	(93)	0	(1,892)	(25)	(11,382)		(11,382)
8. Commercial Indoor Efficient Lighting Rebate	0	0	0	0	0	0	0	0	(0)	0	(0)		(0)
9. Commercial Window Film Installation Program	0	0	0	0	0	0	0	0	0	0	0		0
10. Commercial Chiller Upgrade Program	5,286	5,078	0	0	281	13	783	0	(78)	(27)	11,335		11,335
11. Solar Water Heating Program	0	0	0	0	0	0	0	0	0	0	0		0
12. Solar Photovoltaic Program	(0)	0	0	0	(0)	(0)	0	0	0	(0)	(1)		(1)
13. Electric Conservation Demonstration and Development	1,752	0	0	(36,250)	150	15	701	0	0	0	(33,630)		(33,630)
14. Commercial Reflective Roof	(342)	78	0	0	(139)	(27)	125	0	973	(37)	632		632
15. Commercial Energy Consultant	7,482	(2,476)	0	0	198	123	1,445	0	0	109	6,881		6,881
16.											0		0
17.											0		0
18.											0		0
19.											0		0
20.											0		0
21.											0		0
22.											0		0
TOTAL ALL PROGRAMS	36,817	534	(2,087)	(32,675)	(11,111)	(5,122)	9,100	0	(1,623)	7,081	914	0	914

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-16 THROUGH December-16

A. CONSERVATION EXPENSE
BY PROGRAM

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. Common	22,520	25,754	48,082	31,124	25,401	31,917	33,766	36,743	29,862	28,139	24,534	48,977	386,818
2. Residential Energy Survey	8,302	2,832	16,540	7,445	3,607	4,829	9,749	11,210	26,962	9,486	7,886	9,354	118,202
3. Loan Program (discontinued but remains open)	-	-	-	-	-	-	-	-	-	-	-	-	0
4. Commercial Energy Survey	-	-	-	-	-	-	-	-	-	-	-	-	0
5. Low Income Education	447	-	-	-	350	-	410	-	-	-	-	-	1,207
6. Commercial Heating & Cooling Upgrade	1,298	712	1,245	1,022	1,100	2,219	1,903	1,278	1,207	902	582	582	14,050
7. Residential Heating & Cooling Upgrade	1,933	3,962	2,429	5,092	4,209	5,429	2,059	4,502	1,154	4,534	4,169	300	39,772
8. Commercial Indoor Efficient Lighting Rebate	-	-	35,731	-	-	-	-	-	-	-	-	-	35,731
9. Commercial Window Film Installation Program	-	-	-	-	-	-	-	-	-	-	-	-	0
10. Commercial Chiller Upgrade Program	1,745	582	1,063	2,404	2,284	929	1,903	3,225	1,207	1,812	2,247	3,392	22,792
11. Solar Water Heating Program	-	-	-	-	-	-	-	-	-	-	-	-	0
12. Solar Photovoltaic Program	-	-	-	422	-	-	-	-	-	-	-	-	422
13. Electric Conservation Demonstration and Development	-	-	1,685	844	-	-	-	-	-	3,869	-	-	6,398
14. Commercial Reflective Roof	1,261	582	652	1,398	2,617	929	1,903	2,303	1,207	2,433	582	4,055	19,921
15. Commercial Energy Consultant	4,129	3,512	3,181	2,996	3,766	10,461	5,257	860	1,936	218	3,068	2,892	42,277
16.													0
17.													0
18.													0
19.													0
20.													0
21.													0
22.													0
21. TOTAL ALL PROGRAMS	41,634	37,937	110,609	52,748	43,334	56,714	56,949	60,121	63,534	51,393	43,067	69,551	687,590
22. LESS AMOUNT INCLUDED IN RATE BASE													
23. RECOVERABLE CONSERVATION EXPENSES	41,634	37,937	110,609	52,748	43,334	56,714	56,949	60,121	63,534	51,393	43,067	69,551	687,590

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COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-3
PAGE 2 OF 3

CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS January-16 THROUGH December-16

B. CONSERVATION REVENUES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. RESIDENTIAL CONSERVATION	(72,051)	(69,687)	(60,812)	(58,215)	(61,216)	(83,164)	(86,842)	(89,752)	(90,086)	(79,848)	(61,190)	(57,734)	(870,597)
2. CONSERVATION ADJ. REVENUES													0
3. TOTAL REVENUES	(72,051)	(69,687)	(60,812)	(58,215)	(61,216)	(83,164)	(86,842)	(89,752)	(90,086)	(79,848)	(61,190)	(57,734)	(870,597)
4. PRIOR PERIOD TRUE-UP ADJ. NOT APPLICABLE TO THIS PERIOD	9,776	9,776	9,776	9,776	9,776	9,776	9,776	9,776	9,776	9,776	9,776	9,773	117,309
5. CONSERVATION REVENUE APPLICABLE	(62,275)	(59,911)	(51,036)	(48,439)	(51,440)	(73,388)	(77,066)	(79,976)	(80,310)	(70,072)	(51,414)	(47,961)	(753,288)
6. CONSERVATION EXPENSES (FROM CT-3, PAGE 1, LINE 23)	41,634	37,937	110,609	52,748	43,334	56,714	56,949	60,121	63,534	51,393	43,067	69,551	687,590
7. TRUE-UP THIS PERIOD (LINE 5 - 6)	(20,641)	(21,974)	59,573	4,309	(8,106)	(16,674)	(20,117)	(19,855)	(16,776)	(18,680)	(8,347)	21,590	(65,698)
8. INTEREST PROVISION THIS PERIOD (FROM CT-3, PAGE 3, LINE 10)	29	20	22	29	28	21	12	3	(6)	(15)	(26)	(33)	84
9. TRUE-UP AND INTEREST PROVISION BEGINNING OF MONTH	117,309	86,921	55,191	105,010	99,572	81,718	55,289	25,407	(4,220)	(30,779)	(59,249)	(77,398)	117,309
9A. DEFERRED TRUE-UP BEGINNING OF PERIOD													
10. PRIOR TRUE-UP COLLECTED (REFUNDED)	(9,776)	(9,776)	(9,776)	(9,776)	(9,776)	(9,776)	(9,776)	(9,776)	(9,776)	(9,776)	(9,776)	(9,773)	(117,309)
11. TOTAL NET TRUE-UP (LINES 7+8+9+9A+10)	86,921	55,191	105,010	99,572	81,718	55,289	25,407	(4,220)	(30,779)	(59,249)	(77,398)	(65,614)	(65,614)

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(CDY-1)
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COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS January-16 THROUGH December-16

C.	INTEREST PROVISION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1.	BEGINNING TRUE-UP (LINE B-9)	117,309	86,921	55,191	105,010	99,572	81,718	55,289	25,407	(4,220)	(30,779)	(59,249)	(77,398)	117,309
2.	ENDING TRUE-UP BEFORE INTEREST (LINES B7+B9+B9A+B10)	86,892	55,171	104,988	99,543	81,690	55,268	25,395	(4,223)	(30,773)	(59,234)	(77,372)	(65,581)	(65,698)
3.	TOTAL BEG. AND ENDING TRUE-UP	204,201	142,092	160,179	204,553	181,261	136,985	80,684	21,184	(34,993)	(90,013)	(136,622)	(142,979)	51,611
4.	AVERAGE TRUE-UP (LINE C-3 X 50%)	102,100	71,046	80,089	102,276	90,631	68,493	40,342	10,592	(17,497)	(45,006)	(68,311)	(71,490)	25,806
5.	INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	0.34%	0.34%	0.35%	0.32%	0.36%	0.38%	0.36%	0.35%	0.43%	0.39%	0.43%	0.47%	
6.	INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	0.34%	0.35%	0.32%	0.36%	0.38%	0.36%	0.35%	0.43%	0.39%	0.43%	0.47%	0.63%	
7.	TOTAL (LINE C-5 + C-6)	0.68%	0.69%	0.67%	0.68%	0.74%	0.74%	0.71%	0.78%	0.82%	0.82%	0.90%	1.10%	
8.	AVG. INTEREST RATE (C-7 X 50%)	0.34%	0.35%	0.34%	0.34%	0.37%	0.37%	0.36%	0.39%	0.41%	0.41%	0.45%	0.55%	
9.	MONTHLY AVERAGE INTEREST RATE	0.028%	0.029%	0.028%	0.028%	0.031%	0.031%	0.030%	0.033%	0.034%	0.034%	0.038%	0.046%	
10.	INTEREST PROVISION (LINE C-4 X C-9)	29	20	22	29	28	21	12	3	(6)	(15)	(26)	(33)	84

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. 170002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-1)
PAGE 8 OF 20

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. 170002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-1)
PAGE 9 OF 20

1. Residential Energy Survey Program
2. Educational/Low Income Program
3. Commercial Heating & Cooling Upgrade Program
4. Residential Heating & Cooling Upgrade Program
5. Commercial Indoor Efficient Lighting Rebate Program
6. Commercial Chiller Upgrade Program
7. Solar Photovoltaic Program
8. Conservation Demonstration and Development Program
9. Commercial Reflective Roof Program
10. Commercial Energy Consultation 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 280 residential energy surveys were performed.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2016 through December 31, 2016 were **\$117,632**.

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: 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, 2016 through December 31, 2016 were **\$1,207**.

PROGRAM PROGRESS SUMMARY: The Company continues to promote the opportunity to educate low-income customers on the benefits of an energy efficient home and anticipates increased participation in this program in 2017.

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, 4 customers participated in the Commercial Heating & Cooling Efficiency Upgrade Program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2016 through December 31, 2016 were **\$14,050**.

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: The 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, 226 customers participated in the residential heating and cooling efficiency upgrade program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2016 through December 31, 2016 were **\$39,772**.

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 was directed at reducing peak demand and energy consumption by decreasing the load presented by commercial lighting equipment. To serve this purpose, this program required 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 \$.025 per watt reduced (maximum \$100 rebate).

PROGRAM ACCOMPLISHMENTS: This program is no longer offered by the Company, however, the Company paid for a lighting installation in the first quarter of 2016. This lighting installation was approved by the Company in 2015 before the program ended, however, the installation was not completed and inspected until 2016.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2016 through December 31, 2016 were **\$35,731**.

PROGRAM PROGRESS SUMMARY: This program was not included in the Company's 2015 Demand Side Management Plan and was discontinued in September of 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, 1 customer participated in the Commercial Chiller Upgrade Program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2016 through December 31, 2016 were **\$22,792**.

PROGRAM PROGRESS SUMMARY: The Company continues to work with commercial customers to promote this program and is optimistic that our customers will continue to find value in this program.

PROGRAM TITLE: Solar Photovoltaic Program

PROGRAM DESCRIPTION: The primary purpose of the Solar Water Heating Program was to encourage the installation of solar photovoltaic systems and reduce the consumption of fossil fuels used to generate electricity. Florida Public Utilities Company will provided 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 was 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: This program is no longer offered by the Company, however, the Company did incur some program-related expenses in 2016 during follow-up on the 2015 installations.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2016 through December 31, 2016 were **\$422**.

PROGRAM PROGRESS SUMMARY: This program was very successful, however, this program ended on December 31st, 2015.

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: In 2016, the Company began researching the viability of using battery storage technology to improve customer's electric system reliability and resiliency.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2016 through December 31, 2016 were **\$6,398**.

PROGRAM PROGRESS SUMMARY: The Company continues to pursue research, demonstration and development projects, under this program, to promote energy efficiency and conservation.

PROGRAM TITLE: Commercial Reflective Roof Program

PROGRAM DESCRIPTION: The Commercial Reflective Roof Program is directed at reducing demand and energy throughout FPUC's commercial sector through the installation of cool roofs. The program allows non-residential customers installing cool roofs to obtain rebates of \$0.075 per sq.ft. for new roofs on new or existing facilities and \$0.325 per sq.ft. for roofs converting to a cool roof. To be eligible for the rebates, the roofing material must be Energy Star certified. The program is focused on getting contractors in FPUC's service territory to promote the cool roofs.

PROGRAM ACCOMPLISHMENTS: For the reporting period, there were 17 participants in this program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2016 through December 31, 2016 were **\$19,921**.

PROGRAM PROGRESS SUMMARY: The Company continues to work with commercial customers to promote this program and is optimistic that our customers will continue to find value in this program.

PROGRAM TITLE: Commercial Energy Consultation Program

PROGRAM DESCRIPTION: The FPUC Commercial Energy Consultation Program is designed to directly communicate the availability of the commercial Demand Side Management (DSM) programs to commercial customers. This program allows 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 the customer about FPUC's commercial online energy efficient resources and tools.

PROGRAM ACCOMPLISHMENTS: For the reporting period, there were 67 participants in this program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2016 through December 31, 2016 were **\$42,277**

PROGRAM PROGRESS SUMMARY: Even though there is no particular goal for this program, we believe that this will continue to be a valuable program for our commercial customers.

ENERGY CONSERVATION ADJUSTMENT
SUMMARY OF COST RECOVERY CLAUSE CALCULATION

FOR MONTHS January-18 THROUGH December-18

1.	TOTAL INCREMENTAL COSTS (SCHEDULE C-2,PAGE 1, LINE 33)	<u>722,850</u>
2.	TRUE-UP (SCHEDULE C-3,PAGE 4,LINE 11)	<u>(65,183)</u>
3.	TOTAL (LINE 1 AND LINE 2)	<u>657,667</u>
4.	RETAIL KWH SALES	<u>644,860,920</u>
5.	COST PER KWH	<u>0.00101986</u>
6.	REVENUE TAX MULTIPLIER *	<u>1.00072</u>
7.	ADJUSTMENT FACTOR ADJUSTED FOR TAXES (LINE 5 X LINE 6)	<u>0.00102100</u>
8.	CONSERVATION ADJUSTMENT FACTOR- (ROUNDED TO THE NEAREST .001 CENTS PER KWH)	<u>0.102</u>

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DOCKET NO. 20170002-EG
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(DNBM-1)
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FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170002-EG EXHIBIT: 11
PARTY: FLORIDA PUBLIC UTILITIES
COMPANY (Direct)
DESCRIPTION: Danielle N.B. Mulligan

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION

SCHEDULE C-2
PAGE 1 OF 3

ESTIMATED CONSERVATION PROGRAM COSTS

FOR MONTHS January-18 THROUGH December-18

A.	ESTIMATED EXPENSE BY PROGRAM	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1.	Common	32,642	32,642	32,642	32,642	32,642	32,642	32,642	32,642	32,642	32,642	32,642	32,642	391,700
2.	Residential Energy Survey Program	8,717	8,717	8,717	8,717	8,717	8,717	8,717	8,717	8,717	8,717	8,717	8,717	104,600
3.	Commercial Energy Survey	0	0	0	0	0	0	0	0	0	0	0	0	0
4.	Low Income Program	1,375	1,375	1,375	1,375	1,375	1,375	1,375	1,375	1,375	1,375	1,375	1,375	16,500
5.	Commercial Heating & Cooling Upgrade	925	925	925	925	925	925	925	925	925	925	925	925	11,100
6.	Residential Heating & Cooling Upgrade	3,221	3,221	3,221	3,221	3,221	3,221	3,221	3,221	3,221	3,221	3,221	3,221	38,650
7.	Commercial Indoor Efficient Lighting Rebate	0	0	0	0	0	0	0	0	0	0	0	0	0
8.	Commercial Window Film Installation Program	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Commercial Chiller Upgrade Program	1,546	1,546	1,546	1,546	1,546	1,546	1,546	1,546	1,546	1,546	1,546	1,546	18,550
10.	Solar Water Heating Program	0	0	0	0	0	0	0	0	0	0	0	0	0
11.	Solar Photovoltaic Program	0	0	0	0	0	0	0	0	0	0	0	0	0
12.	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
13.	Affordable Housing Builders and Providers	0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Commercial Reflective Roof Program	1,721	1,721	1,721	1,721	1,721	1,721	1,721	1,721	1,721	1,721	1,721	1,721	20,650
15.	Commercial Energy Consultation	3,842	3,842	3,842	3,842	3,842	3,842	3,842	3,842	3,842	3,842	3,842	3,842	46,100
16.	TOTAL ALL PROGRAMS	60,238	60,238	60,238	60,238	60,238	60,238	60,238	60,238	60,238	60,238	60,238	60,238	722,850
17.	LESS AMOUNT INCLUDED IN RATE BASE													
19.	RECOVERABLE CONSERVATION EXPENSES	60,238	60,238	60,238	60,238	60,238	60,238	60,238	60,238	60,238	60,238	60,238	60,238	722,850

EXHIBIT NO. _____
DOCKET NO. 20170002-EG
FLORIDA PUBLIC UTILITIES COMPANY
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PAGE 2 OF 20

ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM

FOR MONTHS January-18 THROUGH December-18

PROGRAM NAME	LABOR	ADVERTISING	LEGAL	OUTSIDE	VEHICLE	MATERIALS	GENERAL	INCENTIVES	OTHER	SUB	PROGRAM	TOTAL
	& PAYROLL											
1 Common	265,000	45,000	10,000	15,000	6,500	6,000	32,000	0	12,200	391,700	0	391,700
2 Residential Energy Survey Program	60,000	5,100	0	20,000	3,000	1,500	10,000	0	5,000	104,600	0	104,600
3 Commercial Energy Survey	0	0	0	0	0	0	0	0	0	0	0	0
4 Low Income Program	700	0	0	15,000	100	500	200	0	0	16,500	0	16,500
5 Commercial Heating & Cooling Upgrade	100	10,000	0	0	0	0	0	1,000	0	11,100	0	11,100
6 Residential Heating & Cooling Upgrade	2,000	6,000	0	0	150	100	300	30,000	100	38,650	0	38,650
7 Commercial Indoor Efficient Lighting Rebate	0	0	0	0	0	0	0	0	0	0	0	0
8 Commercial Window Film Installation Program	0	0	0	0	0	0	0	0	0	0	0	0
9 Commercial Chiller Upgrade Program	6,000	10,000	0	0	350	100	1,000	1,000	100	18,550	0	18,550
10 Solar Water Heating Program	0	0	0	0	0	0	0	0	0	0	0	0
11 Solar Photovoltaic Program	0	0	0	0	0	0	0	0	0	0	0	0
12 Demonstration and Development	5,000	0	0	68,500	250	150	1,000	0	100	75,000	0	75,000
13 Affordable Housing Builders and Providers	0	0	0	0	0	0	0	0	0	0	0	0
14 Commercial Reflective Roof Program	4,500	10,000	0	0	150	100	800	5,000	100	20,650	0	20,650
15 Commercial Energy Consultation	25,000	100	0	15,000	1,200	500	4,000	0	300	46,100	0	46,100
16 TOTAL ALL PROGRAMS	368,300	86,200	10,000	133,500	11,700	8,950	49,300	0	37,000	722,850	0	722,850
17 LESS: BASE RATE RECOVERY												
18 NET PROGRAM COSTS	368,300	86,200	10,000	133,500	11,700	8,950	49,300	0	37,000	722,850	0	722,850

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-18 THROUGH December-18

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. 20170002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(DNBM-1)
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 ESTIMATED FOR MONTHS	January-17 July-17	THROUGH THROUGH	June-17 December-17										
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	120,172	26,396	973	1,588	3,064	3,296	15,481	0	0	9,321	180,290	0	180,290
B. ESTIMATED	112,500	12,500	10,000	12,500	5,000	2,550	15,000	0	0	2,250	172,300	0	172,300
C. TOTAL	232,672	38,896	10,973	14,088	8,064	5,846	30,481	0	0	11,571	352,590	0	352,590
2. Residential Energy Survey Program													
A. ACTUAL	24,221	2,281	0	1,204	1,116	591	3,635	0	0	247	33,294	0	33,294
B. ESTIMATED	32,500	7,500	0	9,000	2,500	1,250	5,000	0	0	100	57,850	0	57,850
C. TOTAL	56,721	9,781	0	10,204	3,616	1,841	8,635	0	0	347	91,144	0	91,144
3. Commercial Energy Survey													
A. ACTUAL	0	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	0
C. TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Low Income Program													
A. ACTUAL	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED	1,250	2,500	0	0	250	50	125	0	0	0	4,175	0	4,175
C. TOTAL	1,250	2,500	0	0	250	50	125	0	0	0	4,175	0	4,175
5. Commercial Heating & Cooling Upgrade													
A. ACTUAL	0	2,783	0	0	0	0	0	0	0	0	2,783	0	2,783
B. ESTIMATED	500	3,750	0	0	0	50	50	0	500	0	4,850	0	4,850
C. TOTAL	500	6,533	0	0	0	50	50	0	500	0	7,633	0	7,633
6. Residential Heating & Cooling Upgrade													
A. ACTUAL	922	3,159	0	0	57	17	107	0	13,217	0	17,479	0	17,479
B. ESTIMATED	2,500	5,000	0	0	500	50	500	0	22,500	100	31,150	0	31,150
C. TOTAL	3,422	8,159	0	0	557	67	607	0	35,717	100	48,629	0	48,629
7. Commercial Indoor Efficient Lighting Rebate													
A. ACTUAL	0	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	0
C. TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL ACTUAL	145,316	34,619	973	2,791	4,236	3,904	19,222	0	13,217	9,568	233,846	0	233,846
SUB-TOTAL ESTIMATED	149,250	31,250	10,000	21,500	8,250	3,950	20,675	0	23,000	2,450	270,325	0	270,325
LESS: PRIOR YEAR AUDIT ADJ.													
ACTUAL											0		0
ESTIMATED													
TOTAL													
NET PROGRAM COSTS	SEE PAGE 1A												

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
 CONSERVATION PROGRAM COSTS

SCHEDULE C-3
 PAGE 1A OF 5

PROGRAM NAME	ACTUAL FOR MONTHS	January-17	THROUGH	June-17													
	ESTIMATED FOR MONTHS	July-17	THROUGH	December-17	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
8. Commercial Window Film Installation Program																	
A. ACTUAL		0	0	0	0	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	0	0	0	0
C. TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. Commercial Chiller Upgrade Program																	
A. ACTUAL		0	2,368	0	0	0	0	0	0	0	0	0	0	0	2,368	0	2,368
B. ESTIMATED		1,250	5,000	0	0	0	36,000	250	50	50	0	0	1,250	0	7,850	0	7,850
C. TOTAL		1,250	7,368	0	0	0	36,000	250	50	50	0	0	1,250	0	10,218	0	10,218
10. Solar Water Heating Program																	
A. ACTUAL		0	0	0	0	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	0	0	0	0
C. TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11. Solar Photovoltaic Program																	
A. ACTUAL		0	0	0	0	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	0	0	0	0
C. TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12. Demonstration and Development																	
A. ACTUAL		1,313	0	0	0	0	0	1	16	162	0	0	0	9	1,501	0	1,501
B. ESTIMATED		1,250	0	0	0	0	36,000	250	50	50	0	0	0	0	37,500	0	37,500
C. TOTAL		2,563	0	0	0	0	36,000	251	16	162	0	0	0	9	39,001	0	39,001
13. Affordable Housing Builders and Providers																	
A. ACTUAL		0	0	0	0	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	0	0	0	0
C. TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14. Commercial Reflective Roof Program																	
A. ACTUAL		3,006	2,368	0	0	0	0	38	26	335	0	0	0	22	5,794	0	5,794
B. ESTIMATED		3,750	3,750	0	0	0	0	750	50	250	0	0	5,000	0	13,550	0	13,550
C. TOTAL		6,756	6,118	0	0	0	0	788	76	585	0	0	5,000	22	19,344	0	19,344
15. Commercial Energy Consultation																	
A. ACTUAL		12,508	7	0	13,794	0	0	514	237	1,909	0	0	122	29,090	0	29,090	
B. ESTIMATED		20,000	500	0	1,250	0	0	1,250	50	1,250	0	0	100	24,400	0	24,400	
C. TOTAL		32,508	507	0	15,044	0	0	1,764	287	3,159	0	0	222	53,490	0	53,490	
TOTAL ACTUAL		162,142	39,362	973	16,585	0	0	4,790	4,182	21,627	0	0	13,217	9,721	272,599	0	272,599
TOTAL ESTIMATED		175,500	40,500	10,000	58,750	0	0	10,750	4,100	22,225	0	0	29,250	2,550	353,625	0	353,625
LESS: PRIOR YEAR AUDIT ADJ.																	
ACTUAL															0		0
ESTIMATED																	
TOTAL																	
NET PROGRAM COSTS		337,642	79,862	10,973	75,335	0	0	15,540	8,282	43,852	0	0	42,467	12,271	626,224	0	626,224

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 ESTIMATED FOR MONTHS
 January-17 July-17 THROUGH THROUGH
 June-17 December-17

	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

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COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
 CONSERVATION PROGRAM COSTS

SCHEDULE C-3
 PAGE 3 OF 5

ACTUAL FOR MONTHS
 ESTIMATED FOR MONTHS

January-17
 July-17

THROUGH
 THROUGH

June-17
 December-17

A.	ESTIMATED EXPENSE BY PROGRAM	ACTUAL						TOTAL ACTUAL	ESTIMATED						TOTAL ESTIMATED	GRAND TOTAL	
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE		JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER			
1.	Common	CV610	24,178	31,519	35,279	35,569	36,282	17,464	180,290	28,717	28,717	28,717	28,717	28,717	28,717	172,300	352,591
2.	Residential Energy Survey Program	CV613	5,501	5,938	6,285	4,290	4,394	6,885	33,294	9,642	9,642	9,642	9,642	9,642	9,642	57,850	91,144
3.	Commercial Energy Survey	CV616	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.	Low Income Program	CV617	0	0	0	0	0	0	0	696	696	696	696	696	696	4,175	4,175
5.	Commercial Heating & Cooling Upgrade	CV618	1,115	349	235	393	241	450	2,783	808	808	808	808	808	808	4,850	7,633
6.	Residential Heating & Cooling Upgrade	CV619	11	3,472	5,537	1,775	2,444	4,239	17,479	5,192	5,192	5,192	5,192	5,192	5,192	31,150	48,629
7.	Commercial Indoor Efficient Lighting Rebate	CV621	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8.	Commercial Window Film Installation Program	CV622	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Commercial Chiller Upgrade Program	CV623	700	349	235	393	241	450	2,368	1,308	1,308	1,308	1,308	1,308	1,308	7,850	10,218
10.	Solar Water Heating Program	CV624	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11.	Solar Photovoltaic Program	CV625	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.	Demonstration and Development	CV626	1,084	0	418	0	0	0	0	0	0	0	0	0	0	0	0
13.	Affordable Housing Builders and Providers	CV627	0	0	0	0	0	0	1,501	6,250	6,250	6,250	6,250	6,250	6,250	37,500	39,001
14.	Commercial Reflective Roof Program	CV628	2,867	1,273	235	393	577	450	5,794	2,258	2,258	2,258	2,258	2,258	2,258	13,550	19,344
15.	Commercial Energy Consultation	CV629	3,452	7,787	1,671	13,345	1,682	1,153	29,090	4,067	4,067	4,067	4,067	4,067	4,067	24,400	53,490
16.	Prior period audit adj.								0							0	0
									0							0	0
17.	TOTAL ALL PROGRAMS		38,906	50,688	49,894	56,159	45,862	31,090	272,599	58,938	58,938	58,938	58,938	58,938	58,938	353,625	626,224
18.	LESS AMOUNT INCLUDED IN RATE BASE																
19.	RECOVERABLE CONSERVATION EXPENSES		38,906	50,688	49,894	56,159	45,862	31,090	272,599	58,938	58,938	58,938	58,938	58,938	58,938	353,625	626,224

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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-17	THROUGH	June-17													
	ESTIMATED FOR MONTHS	July-17	THROUGH	December-17	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)		(47,932)	(47,689)	(41,703)	(46,020)	(47,139)	(57,434)	(68,463)	(65,643)	(61,494)	(48,361)	(45,540)	(47,737)	(625,155)			
3. TOTAL REVENUES		(47,932)	(47,689)	(41,703)	(46,020)	(47,139)	(57,434)	(68,463)	(65,643)	(61,494)	(48,361)	(45,540)	(47,737)	(625,155)			
4. PRIOR PERIOD TRUE-UP-ADJ NOT APPLICABLE TO PERIOD		(5,468)	(5,468)	(5,468)	(5,468)	(5,468)	(5,468)	(5,468)	(5,468)	(5,468)	(5,468)	(5,468)	(5,468)	(5,468)	(5,468)	(5,468)	(65,614)
5. CONSERVATION REVENUES APPLICABLE TO PERIOD		(53,400)	(53,157)	(47,171)	(51,488)	(52,607)	(62,902)	(73,931)	(71,111)	(66,962)	(53,829)	(51,008)	(53,203)	(690,769)			
6. CONSERVATION EXPENSES (FORM C-3, PAGE 3)		38,906	50,688	49,894	56,159	45,862	31,090	58,938	58,938	58,938	58,938	58,938	(65,614)	58,938	58,938	58,938	626,224
7. TRUE-UP THIS PERIOD		(14,494)	(2,469)	2,723	4,671	(6,745)	(31,813)	(14,994)	(12,174)	(8,024)	5,109	7,930	5,735	(64,545)			
8. INTEREST PROVISION THIS PERIOD (C-3, PAGE 5)		(37)	(38)	(40)	(40)	(38)	(50)	(64)	(71)	(74)	(71)	(62)	(53)	(638)			
9. TRUE-UP & INTEREST PROVISION		(65,614)	(74,677)	(71,716)	(63,564)	(53,466)	(54,780)	(81,175)	(90,764)	(97,541)	(100,171)	(89,666)	(76,330)	(65,614)			
10. PRIOR TRUE-UP REFUNDED (COLLECTED)		5,468	5,468	5,468	5,468	5,468	5,468	5,468	5,468	5,468	5,468	5,468	5,468	5,468	5,468	5,468	65,614
11. END OF PERIOD TOTAL NET TRUE- UP (SUM OF LINES 7,8,9,10)		(74,677)	(71,716)	(63,564)	(53,466)	(54,780)	(81,175)	(90,764)	(97,541)	(100,171)	(89,666)	(76,330)	(65,183)	(65,183)			0

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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-17 THROUGH June-17
ESTIMATED FOR MONTHS July-17 THROUGH December-17

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
C. INTEREST PROVISION													
1. BEGINNING TRUE-UP (LINE B-9)	(65,614)	(74,677)	(71,716)	(63,564)	(53,466)	(54,780)	(81,175)	(90,764)	(97,541)	(100,171)	(89,666)	(76,330)	(65,183)
2. ENDING TRUE-UP BEFORE INTEREST (LINE B7+B9+B10)	(74,640)	(71,678)	(63,524)	(53,426)	(54,742)	(81,125)	(90,700)	(97,470)	(100,097)	(89,595)	(76,268)	(65,130)	(64,545)
3. TOTAL BEG. AND ENDING TRUE-UP	(140,254)	(146,354)	(135,240)	(116,990)	(108,208)	(135,905)	(171,875)	(188,234)	(197,638)	(189,766)	(165,934)	(141,460)	(129,728)
4. AVERAGE TRUE-UP (LINE C-3 X 50 %)	(70,127)	(73,177)	(67,620)	(58,495)	(54,104)	(67,953)	(85,938)	(94,117)	(98,819)	(94,883)	(82,967)	(70,730)	(64,864)
5. INTEREST RATE-FIRST DAY OF REPORTING BUSINESS MONTH	0.63%	0.62%	0.63%	0.80%	0.84%	0.86%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%
6. INTEREST RATE-FIRST DAY OF SUBSEQUENT BUSINESS MONTH	0.62%	0.63%	0.80%	0.84%	0.86%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%
7. TOTAL (LINE C-5 + C-6)	1.25%	1.25%	1.43%	1.64%	1.70%	1.76%	1.80%	1.80%	1.80%	1.80%	1.80%	1.80%	1.80%
8. AVG INTEREST RATE (C-7 X 50%)	0.63%	0.63%	0.72%	0.82%	0.85%	0.88%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%
9. MONTHLY AVERAGE INTEREST RATE	0.052%	0.052%	0.060%	0.068%	0.071%	0.073%	0.075%	0.075%	0.075%	0.075%	0.075%	0.075%	0.075%
10. INTEREST PROVISION (LINE C-4 X C-9)	(37)	(38)	(40)	(40)	(38)	(50)	(64)	(71)	(74)	(71)	(62)	(53)	(638)

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COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
 CALCULATION OF CONSERVATION REVENUES

SCHEDULE C-4
 PAGE 1 OF 1

FOR THE PERIOD January-17 THROUGH December-18

MONTH	KWH/THERM SALES (000) (NET OF 3RD PARTY)	CONSERVATION ADJUSTMENT REVENUE (NET OF REVENUE TAXES)	RATE
2017 JANUARY	47,986	47,932	ACTUAL
FEBRUARY	41,248	47,689	ACTUAL
MARCH	41,754	41,703	ACTUAL
APRIL	46,074	46,020	ACTUAL
MAY	47,200	47,139	ACTUAL
JUNE	57,504	57,434	ACTUAL
JULY	68,365	68,463	0.100143
AUGUST	65,548	65,643	0.100144
SEPTEMBER	61,406	61,494	0.100143
OCTOBER	48,291	48,361	0.100145
NOVEMBER	45,474	45,540	0.100144
DECEMBER	47,668	47,737	0.100145
SUB-TOTAL	618,519	625,155	
2018 JANUARY	51,465	52,488	0.101986
FEBRUARY	46,445	47,367	0.101986
MARCH	44,019	44,893	0.101986
APRIL	44,604	45,490	0.101986
MAY	46,366	47,286	0.101986
JUNE	60,603	61,807	0.101986
JULY	68,326	69,683	0.101986
AUGUST	68,308	69,664	0.101986
SEPTEMBER	66,646	67,969	0.101986
OCTOBER	55,539	56,642	0.101986
NOVEMBER	46,376	47,297	0.101986
DECEMBER	46,164	47,081	0.101986
SUB-TOTAL	644,861	657,667	
TOTALS	1,263,380	1,282,822	

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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 Energy Outreach 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 2018, the Company estimates that 200 residential surveys will be conducted. Fiscal expenditures for 2018 are projected to be \$104,600

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2017 through June 2017, 69 surveys were performed and actual expenditures were \$33,294. We estimate that another 100 surveys will be performed between July 2017 and December 2017. For January 2017 through December 2017 the projected expenses are \$91,144.

For January 2017 through December 2017, 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.

**FLORIDA PUBLIC UTILITIES COMPANY
CONSOLIDATED ELECTRIC DIVISION
PROGRAM DESCRIPTION AND SUMMARY**

**SCHEDULE C-5
PAGE 3 OF 9**

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 2018, the Company estimates that 10 Commercial Heating and Cooling allowances will be paid. Fiscal expenditures for 2018 are projected to be \$11,100

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2017 through June 2017, no Commercial Heating and Cooling allowances were paid and actual expenditures were \$2,783. We estimate that 5 Commercial Heating and Cooling allowances will be paid between July 2017 and December 2017. For January 2017 through December 2017 the projected expenses are \$7,633.

For January 2017 through December 2017, 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.

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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 2018, the Company estimates that 300 Residential Heating and Cooling allowances will be paid. Fiscal expenditures for 2018 are projected to be \$38,650.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2017 through June 2017, 124 Residential Heating and Cooling allowances were paid and actual expenditures were \$17,479. We estimate that another 125 Residential Heating and Cooling allowances will be paid between July 2017 and December 2017. For January 2017 through December 2017 the projected expenses are \$48,629. For January 2017 through December 2017, 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 2018, the Company estimates that 1 Commercial Chiller Upgrade rebate will be paid. Fiscal expenditures for 2018 are projected to be \$18,550.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2017 through June 2017, no Commercial Chiller Upgrade allowances were paid and actual expenditures were \$2,368. We estimate that 1 Commercial Chiller Upgrade rebate will be paid between July 2017 and December 2017. For January 2017 through December 2017 the projected expenses are \$10,218.

For January 2017 through December 2017, 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 2018, the Company estimates that they will engage in at least 1 CDD project. Fiscal expenditures for 2018 are projected to be \$75,000.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2017 through June 2017 actual expenditures were \$1,501. For January 2017 through December 2017 the projected expenses are \$39,001.

PROGRAM SUMMARY:

Per the Company's 2015 Demand Side Management Plan (approved by ORDER NUMBER PSC-15-0326-PAA-EG), FPUC will notify the Florida Public Service Commission of any CDD project that exceeds \$15,000. FPU wishes to test the viability of using battery storage technology to improve customer's electric system reliability and resiliency (see Exhibit A). In addition, the pilot will test whether the technology can be used to lower FPU's power supply cost and test the viability of using storage batteries to integrate renewables into FPU's power purchase portfolio. Florida Public Utilities Company will limit the total CDD expenditures to a maximum of \$75,000 per year. Costs for CDD projects that meet the program's criteria for acceptance will be charged to Energy Conservation Cost Recovery account.

**FLORIDA PUBLIC UTILITIES COMPANY
CONSOLIDATED ELECTRIC DIVISION
PROGRAM DESCRIPTION AND SUMMARY**

**SCHEDULE C-5
PAGE 7 OF 9**

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 2018, fiscal expenditures are projected to be \$16,500.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2017 through June 2017 actual expenditures were \$0. For January 2017 through December 2017 the projected expenses are \$4,175.

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.

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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 2018, the Company estimates that 15 Commercial Reflective Roof allowances will be paid. Fiscal expenditures for 2018 are projected to be \$20,650.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2017 through June 2017, no commercial roofing rebates were paid and actual expenditures were \$5,794. We estimate that 10 commercial roofing rebates will be paid between July 2017 and December 2017. For January 2017 through December 2017 the projected expenses are \$19,344. For January 2017 through December 2017, the goal for the number of program participants is 10.

PROGRAM SUMMARY:

The program started upon approval of FPUC's 2015 DSM Plan and Program Standards. 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 2018, fiscal expenditures are projected to be \$46,100.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2017 through June 2017 actual expenditures were \$29,090. For January 2017 through December 2017 the projected expenses are \$53,490.

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.

FPU Distributed Battery Technology Pilot

Pilot Concept:

FPU wishes to test the viability of using battery storage technology to improve customer's electric system reliability and resiliency. In addition, the pilot will test whether the technology can be used to lower FPU's power supply cost and test the viability of using storage batteries to integrate renewables into FPU's power purchase portfolio.

FPU's customers, especially on Amelia Island, are interested in finding innovative ways to increase use of renewable energy. As of the end of June, 2017 there were 90 solar installations on Amelia Island generating approximately 523 KW. Residents are also interested in minimizing power interruptions especially on the south end of Amelia Island. FPU would like to be able to offer its customers safe, reliable and affordable alternatives that will also help us reduce power supply costs and help the environment. This pilot will test the technology's ability to address reliability concerns of some of our customers and help us prepare for the future with innovative solutions that maintain grid integrity. We believe that partnering with a recognized brand will enhance customer adoption and improve the likelihood of success for the pilot.

While conducting this pilot, FPU will be able to learn more about the renewables business and be better prepared for a changing energy landscape where consumers demand reliable, cost effective, and environmentally friendly low carbon energy solutions.

Literature Review

The cost of grid scale battery storage is falling quicker than most analysts presumed. Small scale battery storage prices have also come down significantly and there are several companies that are now competing in that market. Consumers are looking to battery storage as a way to save on energy costs and have greater reliability.

While residential solar has been growing at an unprecedented rate, the lack of cost-effective storage devices had been a constant issue plaguing this industry. Regardless of all the amazing cost-reductions experienced by solar panels over the years, a cost-effective energy storage device is required for greater adoption of this technology. The competition in this space is beginning to intensify and consumers will reap the benefits of lower storage costs paired with lower solar panel costs.

There are several residential battery companies, among them Tesla and Sonnen.

Tesla offers the Tesla Powerwall and competes well on price, while offering numerous benefits. It is smaller per kWh, requires less maintenance, can be hung on the wall, a greater amount of the battery can be utilized without quickly degrading the battery and it is aesthetically well crafted.

In a comparison done by Clean Technica, the U.S. number one clean technology focused website, when compared to the Tesla Powerwall, the Sonnen product is competitive. Although the Sonnen product is more expensive, the system is warranted for 10,000 cycles "which is greater than the cycle life warranted by some of their competitors," according to Brett Simon, a GTM Research energy storage analyst.

Consumer Value Proposition:

- Resiliency and reliability in case of natural disaster and other power outages
- Time of use arbitrage and peak shaving (money saving activity)
- Increased value of solar energy system by providing battery storage for use when solar is not available
- Increased energy independence and control of how and when energy is used

Applications

The pilot will incorporate the use of the technology in multiple applications across several customer segments.

We will also test if battery storage complements solar energy systems by eliminating issues of solar power's intermittency and lack of complete overlap with peak demand periods and thus encourage the use of battery storage and other renewable energy resources.

We would like to use the information gathered during the pilot to explore rebates to customers who allow FPU to manage their battery for charging and discharging during peak demand periods while ensuring continued grid reliability.

The pilot will be designed to:

- Research best application for battery storage technology - stand alone, solar/battery combination – in residential applications.
- Evaluate user's acceptance and experience with the technology to improve energy efficiency and reliability
- Test the products impact on communications and dispatch technology and system efficiency
- Collection of base line data that will be used to model cost-benefit analysis of the technology for load shifting and/or peak shaving
- Analyze the cost effectiveness of using battery storage technology

Potential Business Models

Data gathered during this pilot phase will be used to determine and design the appropriate business model and regulatory structure that should be used to move forward with implementation of this program.

Pilot Offering

During the pilot, FPU will offer a select group of customers battery storage at no cost to the customer. Customers will agree to allow FPU to control, measure and test the technology during the period of time the pilot is in place.

The selection criteria for pilot participants is discussed below and most likely will include customers whose homes are located on the south end of Amelia Island where power reliability has been an ongoing issue. We will also attempt to have a mix of systems installed with and without solar with the initial focus being on those with solar since the battery technology to support solar is more developed than standalone battery technology.

Data Collection Requirements

Data to be collected during the study will be the following items and will be supplied by the inverters and a metering device (similar to a SolarEdge Electricity Meter) which is connected to a communication system that will allow FPU to acquire the needed data. The meter will be connected in the "export meter" configuration so the data is available as measured or calculated quantities with detail down to 15 minute interval data.

- Production of solar panels
- Charging of storage battery from the solar panel or electrical grid
- Consumption/Usage at the location
- Export of energy to the electrical grid
- Import of energy from the electrical grid

The data will be analyzed to determine what impact is realized on the electric grid when the battery discharges back to the grid at peak times, when the battery provides electricity, when electrical grid power is not available, and how the solar panels and storage batteries interact during periods when the solar panels are active.

Communications Systems Requirements

Typical installations will include a cloud based monitoring system (Similar to the StorEdge Monitoring and System Information system) which will allow the data points described above to be collected. Data should be available by means of a monitoring dashboard or system charts that may be downloaded and manipulated as needed. Customer will provide a high quality internet connection with the ability to connect to a standard RS485 connector. All equipment will be mounted in a secure area and accessible to FPU personnel when scheduled with reasonable notice.

Initially, business unit personnel will evaluate data from different sources in order to better understand what information is available through built-in product communication systems. For example, we would like to test the potential overall impact of the storage battery systems on the electric grid. We may or may not be able to obtain this information from information readily available from the manufacturers.

After initial findings, we will work with the internal BIS group to better evaluate all the data available and/or necessary in a consistent and detailed manner in order to determine what, if any, system and software will be required to proceed with this pilot.

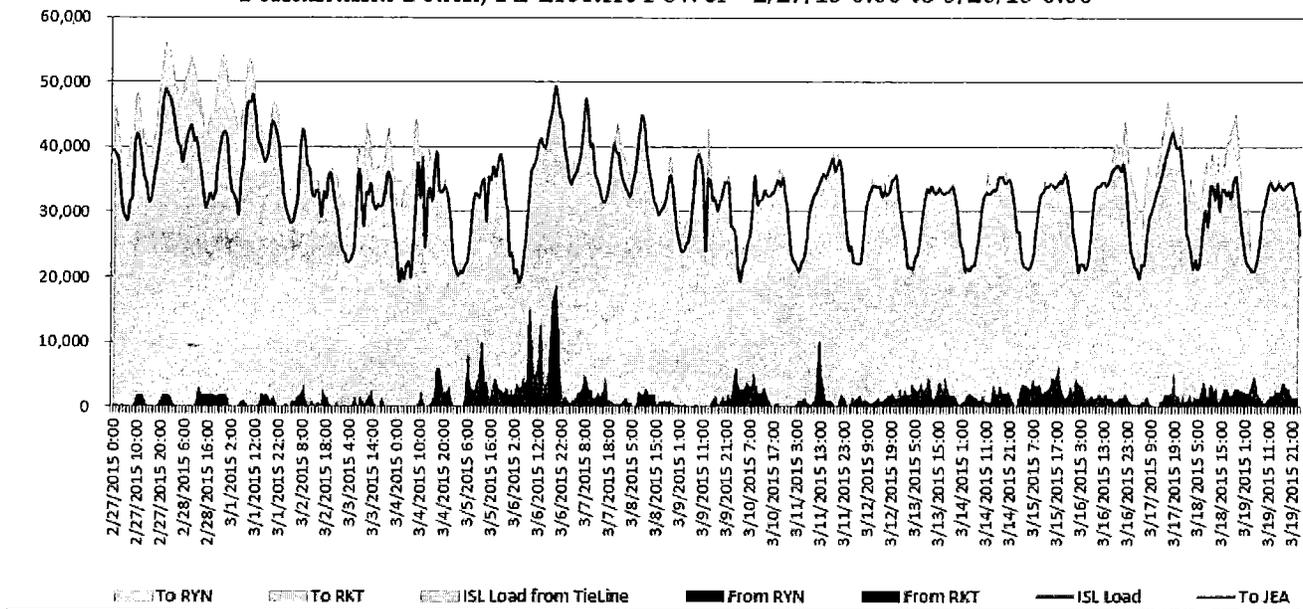
Electrical Systems Requirements

All electrical systems will comply with all aspects of the National Electric Code and National Electric Safety Code (when applicable). Additionally, the system will be installed in compliance with the manufacturers specifications, inspected by the local code enforcement personnel and must be approved by the local utility representative. In order to ensure the safety of utility personnel, a main disconnect must be installed that is capable of completely isolating any potential of feeding energy back to the grid and capable of being locked in the open position by utility personnel.

Amelia Island Load Chart and Background Information

Shown below is a typical electrical load profile for Amelia Island. The load profile contains dramatic peaks which could be mitigated by battery discharges during selected times. This would assist in reducing overall cost to customers and improving the load factor associated with the wholesale power agreement. The 15 minute interval data from the solar/battery system can be matched with the actual load profile for that time period so that the total impact of the battery discharges can be measured. This measurement will demonstrate the capability of battery storage to reduce system wholesale power cost (which decreases cost to customers) and the impact on improving reliability to the customer when the electrical grid is not available.

Fernandina Beach, FL Electric Power - 2/27/15 0:00 to 3/20/15 0:00



Site Selection Criteria

In order to assure the long term success of the program the following criteria will be utilized when selecting a customer and location for the pilot program.

- Current FPU customer with excellent credit rating
- Structure is in good condition as evaluated by FPU personnel
- Premise is owned and occupied, and is not a rental or lease property
- Customer agrees to allow scheduled access to the equipment
- Customer agrees to allow FPU approved contractors to perform the installation
- Structure has a standard 200 AMP 120/240 volt service (overhead or underground)
- Solar Panel installation is considered a Tier 1 installation which is rated at less than 10 KW of total connected panels.
- Customer agrees to provide high quality internet access to the equipment
- Battery installation may, if possible, occur at the time of initial installation of solar equipment
- Customer agrees to allow monitoring of equipment for a minimum of 5 years

Budget

The pilot will be funded through the Electric Conservation Demonstration and Development (CDD) program at a maximum of \$75,000 per year for a two year period.

Equipment Information

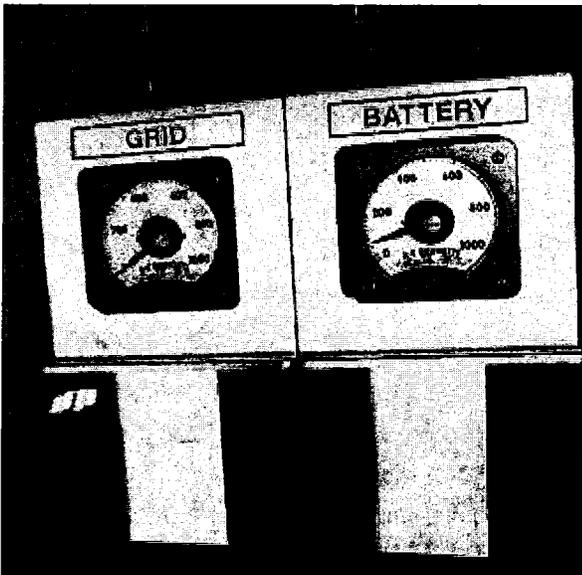
PRODUCT TYPE	EQUIP. COST	INVERTER COST	INSTALL. COST	WARRANTY INFORMATION	COMM. REQUIR.	CONTINUOUS VS PEAK RATING	kWh per CYCLE
TESLA	\$5,200	\$5,000	\$5,800	10,000 Discharges or 120 months	Internet Connection	7 KW Peak and 5 KW continuous	14 KWH
SONNEN	\$9,375	\$0	\$3,800	10,000 discharges or 120 months	Internet Connection	8 KW Continuous	12 KWH

Contractors and Partners in Pilot

The contractors selected to participate in this program have been trained and certified by the manufacturers to install the equipment. Other contractors may be added after training and certification by the manufacturers.

Miller Electric – Tesla Storage Battery System

AIA Solar – Sonnen Storage Battery System



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FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170002-EG EXHIBIT: 13
PARTY: GULF POWER COMPANY (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 2016 - December 2016

	<u>\$</u>	<u>\$</u>
Actual		
1. Principal	(3,581,955)	
2. Interest	<u>(1,858)</u>	
3. Actual Over/(Under) Recovery Ending Balance		(3,583,813)
Estimated/Actual as filed August 19, 2016		
4. Principal	(3,313,580)	
5. Interest	<u>177</u>	
6. Total Estimated/Actual Over/(Under) Recovery		<u>(3,313,403)</u>
7. Adjusted Net True-up Over/(Under) Recovery (Line 3 - 6)		<u><u>(270,410)</u></u>

Schedule CT-2

Gulf Power Company

ENERGY CONSERVATION COST RECOVERY (ECCR)

Calculation of the Final True-Up Amount

For the Period: January 2016 - December 2016

Analysis of Energy Conservation Program Costs

Actual Compared to Estimated/Actual

	<u>Actual</u>	<u>Est/Actual</u>	<u>Difference</u>
	\$	\$	\$
1. Depreciation, Return & Property Tax	2,362,505.87	2,356,605.50	5,900.37
2. Payroll & Benefits	4,430,444.46	4,279,362.46	151,082.00
3. Materials & Supplies	4,179,233.13	4,540,986.51	(361,753.38)
4. Advertising	480,700.65	650,262.50	(169,561.85)
5. Incentives	462,574.95	752,526.20	(289,951.25)
6. Adjustments	0.00	0.00	0.00
7. Other	0.00	0.00	0.00
8. Subtotal	<u>11,915,459.06</u>	<u>12,579,743.17</u>	<u>(664,284.11)</u>
9. Program Revenues	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
10. Total Program Costs	<u>11,915,459.06</u>	<u>12,579,743.17</u>	<u>(664,284.11)</u>
11. Less: Payroll Adjustment	0.00	0.00	0.00
12. Amounts Inc. in Base Rate	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
13. Conservation Adjustment Revenues	<u>4,726,231.28</u>	<u>5,658,890.30</u>	<u>(932,659.02)</u>
14. Rounding Adjustment	<u>4,726,230.00</u>	<u>5,658,889.00</u>	<u>(932,659.00)</u>
15. True-up Before Adjustment Over/(Under) Recovery	(7,189,229)	(6,920,854)	(268,375)
16. Interest Provision	(1,858)	177	(2,035)
17. Prior Period True-up	3,607,274	3,607,274	0
18. Other	<u>0</u>	<u>0</u>	<u>0</u>
19. End of Period True-up	<u>(3,583,813)</u>	<u>(3,313,403)</u>	<u>(270,410)</u>

Gulf Power Company
ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2016 - December 2016

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	0.49	46,392.15	38,098.35	0.00	(101,495.53)	0.00	(17,004.54)	0.00	(17,004.54)
2. Community Energy Saver	0.00	6,218.93	13,126.02	0.00	0.00	0.00	19,344.95	0.00	19,344.95
3. Residential Custom Incentive	0.00	9,585.11	(622.32)	0.00	0.00	(50,000.00)	(41,037.21)	0.00	(41,037.21)
4. HVAC Efficiency	0.00	11,169.65	57,771.05	0.00	5,000.02	(162,936.00)	(88,995.28)	0.00	(88,995.28)
5. Residential Building Efficiency	0.00	6,511.09	19,494.16	0.00	0.00	(9,727.50)	16,277.75	0.00	16,277.75
6. Energy Select	5,899.88	20,279.26	(270,225.03)	0.00	(73,066.34)	0.00	(317,112.23)	0.00	(317,112.23)
Commercial / Industrial Conservation Programs:									
7. Commercial / Industrial Energy Audit	0.00	21,728.87	(474.63)	0.00	0.00	0.00	21,254.24	0.00	21,254.24
8. HVAC Retrocommissioning	0.00	8,113.19	(8,238.00)	0.00	0.00	(3,155.00)	(3,279.81)	0.00	(3,279.81)
9. Commercial Building Efficiency	0.00	14,545.40	16,046.66	0.00	0.00	(14,132.75)	16,459.31	0.00	16,459.31
10. Commercial / Industrial Custom Incentive	0.00	5,963.68	353.67	0.00	0.00	(50,000.00)	(43,682.65)	0.00	(43,682.65)
11. Residential Time of Use Rate Pilot	0.00	214.81	(171,132.55)	0.00	0.00	0.00	(170,917.74)	0.00	(170,917.74)
12. Conservation Demonstration and Developme	0.00	359.86	(55,950.76)	0.00	0.00	0.00	(55,590.90)	0.00	(55,590.90)
13. Solar Thermal Water Heating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14. Ceiling Insulation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15. Less Base Rate Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16. Total All Programs	5,900.37	151,082.00	(361,753.38)	0.00	(169,561.85)	(289,951.25)	(664,284.11)	0.00	(664,284.11)

Gulf Power Company

ENERGY CONSERVATION COST RECOVERY (ECCR)
 Calculation of the Final True-Up Amount
 For the Period: January 2016 - December 2016

**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	9,311.71	1,557,046.46	429,852.67	0.00	248,504.47	0.00	2,244,715.31	0.00	2,244,715.31
2. Community Energy Saver	0.00	80,978.60	661,196.54	0.00	0.00	0.00	742,175.14	0.00	742,175.14
3. Residential Custom Incentive	0.00	55,188.67	2,720.11	0.00	0.00	0.00	57,908.78	0.00	57,908.78
4. HVAC Efficiency	0.00	298,685.26	629,712.95	0.00	5,262.52	322,121.00	1,255,781.73	0.00	1,255,781.73
5. Residential Building Efficiency	0.00	287,509.04	59,590.24	0.00	0.00	130,589.50	477,688.78	0.00	477,688.78
6. Energy Select	2,353,194.16	1,054,791.15	2,033,996.75	0.00	226,933.66	0.00	5,668,915.72	0.00	5,668,915.72
Commercial / Industrial Conservation Programs:									
7. Commercial / Industrial Energy Audit	0.00	624,466.58	80,223.78	0.00	0.00	0.00	704,690.36	0.00	704,690.36
8. HVAC Retrocommissioning	0.00	58,172.88	3,839.78	0.00	0.00	540.00	62,552.66	0.00	62,552.66
9. Commercial Building Efficiency	0.00	323,965.23	59,678.05	0.00	0.00	9,324.45	392,967.73	0.00	392,967.73
10. Commercial / Industrial Custom Incentive	0.00	50,519.32	3,293.89	0.00	0.00	0.00	53,813.21	0.00	53,813.21
11. Residential Time of Use Rate Pilot	0.00	19,633.22	150,199.04	0.00	0.00	0.00	169,832.26	0.00	169,832.26
12. 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	1,948.79	153.65	0.00	0.00	0.00	2,102.44	0.00	2,102.44
c. 10th Ave Hair Salon Heat Pump Water Htr	0.00	5,846.42	9,482.41	0.00	0.00	0.00	15,328.83	0.00	15,328.83
d. Tesla Powerwall Demand Response	0.00	5,846.42	25,668.65	0.00	0.00	0.00	31,515.07	0.00	31,515.07
e. Tesla Powerwall Demand Photovoltaic	0.00	5,846.42	20,833.13	0.00	0.00	0.00	26,679.55	0.00	26,679.55
f. Domestic Hot Water Analysis	0.00	0.00	3,898.89	0.00	0.00	0.00	3,898.89	0.00	3,898.89
g. Total	0.00	19,488.05	60,036.73	0.00	0.00	0.00	79,524.78	0.00	79,524.78
13. Solar Thermal Water Heating	0.00	0.00	5,000.00	0.00	0.00	0.00	5,000.00	0.00	5,000.00
14. Ceiling Insulation	0.00	0.00	(107.40)	0.00	0.00	0.00	(107.40)	0.00	(107.40)
15. Total All Programs	2,362,505.87	4,430,444.46	4,179,233.13	0.00	480,700.65	462,574.95	11,915,459.06	0.00	11,915,459.06

Gulf Power Company
ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2016 - December 2016

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	136,717.43	167,941.80	142,381.33	176,241.71	275,681.34	161,182.61	157,573.18	258,041.20	211,701.18	226,901.75	149,636.79	171,403.28	2,235,403.60
Amortization & Return on Investment	802.69	797.86	793.04	788.21	783.38	778.56	773.11	768.40	763.68	758.97	754.25	749.56	9,311.71
Total	137,520.12	168,739.66	143,174.37	177,029.92	276,464.72	161,961.17	158,346.29	258,809.60	212,464.86	227,660.72	150,391.04	172,152.84	2,244,715.31
2. Community Energy Saver	59,069.73	53,316.71	58,687.33	68,531.38	118,632.95	109,962.09	16,380.09	59,342.59	80,025.16	47,795.11	59,838.72	10,593.28	742,175.14
3. Residential Custom Incentive	1,548.09	3,353.52	3,912.47	5,440.97	5,067.53	5,150.41	4,949.80	6,248.89	5,029.71	6,550.51	5,173.24	5,483.64	57,908.78
4. HVAC Efficiency	67,717.10	63,756.18	124,781.92	153,914.86	344,533.11	95,430.84	42,913.79	87,973.40	89,729.02	63,537.73	68,634.31	52,859.47	1,255,781.73
5. Residential Building Efficiency	22,541.37	39,619.61	46,125.85	33,371.86	35,784.27	45,839.07	47,864.12	34,352.76	40,828.26	38,131.20	46,905.72	46,324.69	477,688.78
6. Energy Select	(12,757.53)	336,925.46	306,160.81	343,675.36	344,101.45	295,305.62	313,184.58	490,167.94	253,216.93	254,587.72	8,995.11	382,158.11	3,315,721.56
Amortization & Return on Investment	194,999.78	195,118.24	195,375.42	195,659.10	195,823.19	195,868.91	194,243.35	195,731.22	196,017.56	196,519.74	197,613.88	200,223.77	2,353,194.16
Total	182,242.25	532,043.70	501,536.23	539,334.46	539,924.64	491,174.53	507,427.93	685,899.16	449,234.49	451,107.46	206,608.99	582,381.88	5,668,915.72
Commercial / Industrial Conservation Programs:													
7. Commercial / Industrial Energy Audit	55,200.34	57,426.89	56,962.15	65,203.68	53,261.13	53,663.93	62,286.45	59,326.73	53,265.54	66,672.24	61,609.13	59,812.15	704,690.36
8. HVAC Retrocommissioning	3,690.06	4,117.39	4,924.10	4,734.07	6,039.38	9,688.47	40,232.24	(7,337.47)	(22,391.79)	7,367.24	5,671.12	5,817.85	62,552.66
9. Commercial Building Efficiency	26,339.22	32,831.71	35,162.49	30,324.16	28,363.55	28,657.29	34,438.29	26,546.77	29,581.63	33,504.96	39,626.60	47,591.06	392,967.73
10. Commercial / Industrial Custom Incentive	967.95	3,616.02	5,733.89	4,326.33	4,661.34	4,442.33	4,366.26	4,996.35	4,414.06	6,381.85	4,895.83	5,011.00	53,813.21
11. Residential Time of Use Rate Pilot	2,313.08	3,673.18	4,967.11	19,232.88	(10,995.98)	127,805.92	13,602.00	8,179.01	(7,505.53)	19,860.13	(1,105.26)	(10,194.28)	169,832.26
12. 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	166.91	163.86	174.81	176.43	185.94	167.10	167.12	181.37	172.07	191.77	171.44	183.62	2,102.44
c. 10th Ave Hair Salon Heat Pump Water Htr	500.73	1,986.59	524.45	2,024.30	3,547.83	501.31	501.38	3,568.43	516.21	592.44	514.30	550.86	15,328.83
d. Tesla Powerwall Demand Response	500.73	491.59	524.45	9,529.30	557.83	6,151.31	501.38	8,713.55	552.93	1,486.44	654.70	1,850.86	31,515.07
e. Tesla Powerwall Demand Photovoltaic	500.73	491.59	524.45	529.30	557.83	8,051.31	501.38	10,921.69	569.67	2,966.44	514.30	550.86	26,679.55
f. Domestic Hot Water Analysis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.97	0.00	3,870.92	3,898.89
g. Total	1,669.10	3,133.63	1,748.16	12,259.33	4,849.43	14,871.03	1,671.26	23,385.04	1,810.88	5,265.06	1,854.74	7,007.12	79,524.78
13. Solar Thermal Water Heating	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,000.00
14. Ceiling Insulation	0.00	0.00	0.00	0.00	(107.40)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(107.40)
15. Total All Programs	560,818.41	970,628.20	987,716.07	1,113,703.90	1,406,478.67	1,148,647.08	934,478.52	1,247,722.83	936,486.29	973,834.21	650,104.18	984,840.70	11,915,459.06

Gulf Power Company
ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2016 - December 2016

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	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. Over/(Under) Recovery	285,648.99	266,572.60	283,670.52	265,061.96	368,424.41	509,863.93	520,522.40	502,918.43	437,632.12	419,501.86	255,090.81	611,323.25	4,726,231.28
3. Total Revenues	285,648.99	266,572.60	283,670.52	265,061.96	368,424.41	509,863.93	520,522.40	502,918.43	437,632.12	419,501.86	255,090.81	611,323.25	4,726,231.28
4. Adjustment not Applicable to Period - Prior True Up	486,099.00	486,098.00	486,098.00	486,098.00	486,098.00	486,098.00	486,098.00	486,098.00	486,098.00	486,098.00	486,098.00	486,098.00	5,833,177.00
5. Conservation Revenues Applicable to Period	771,747.99	752,670.60	769,768.52	751,159.96	854,522.41	995,961.93	1,006,620.40	989,016.43	923,730.12	905,599.86	741,188.81	1,097,421.25	10,559,408.28
6. Conservation Expenses (CT-3, Page 3, Line 27)	560,818.41	970,628.20	987,716.07	1,113,703.90	1,406,478.67	1,148,647.08	934,478.52	1,247,722.83	936,486.29	973,834.21	650,104.18	984,840.70	11,915,459.06
7. True Up this Period (Line 5 - 6)	210,929.58	(217,957.60)	(217,947.55)	(362,543.94)	(551,956.26)	(152,685.15)	72,141.88	(258,706.40)	(12,756.17)	(68,234.35)	91,084.63	112,580.55	(1,356,050.78)
8. Interest Provision this Period (CT-3, Page 5, Line 11)	1,156.56	1,018.59	816.36	488.37	163.28	(85.85)	(271.65)	(484.59)	(744.21)	(1,013.68)	(1,203.95)	(1,697.68)	(1,858.45)
9. True Up & Interest Provision Beginning of Month	3,607,273.57	3,333,260.71	2,630,223.70	1,926,994.51	1,078,840.94	40,949.96	(597,919.04)	(1,012,146.81)	(1,757,435.80)	(2,257,034.18)	(2,812,380.21)	(3,208,597.53)	3,607,273.57
10. Prior True Up Collected or Refunded	(486,099.00)	(486,098.00)	(486,098.00)	(486,098.00)	(486,098.00)	(486,098.00)	(486,098.00)	(486,098.00)	(486,098.00)	(486,098.00)	(486,098.00)	(486,098.00)	(5,833,177.00)
11. End of Period- Net True Up	3,333,260.71	2,630,223.70	1,926,994.51	1,078,840.94	40,949.96	(597,919.04)	(1,012,146.81)	(1,757,435.80)	(2,257,034.18)	(2,812,380.21)	(3,208,597.53)	(3,583,812.66)	(3,583,812.66)

Gulf Power Company
ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2016 - December 2016

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	3,607,273.57	3,333,260.71	2,630,223.70	1,926,994.51	1,078,840.94	40,949.96	(597,919.04)	(1,012,146.81)	(1,757,435.80)	(2,257,034.18)	(2,812,380.21)	(3,208,597.53)	
2. Ending True up before Interest	3,332,104.15	2,629,205.11	1,926,178.15	1,078,352.57	40,786.68	(597,833.19)	(1,011,875.16)	(1,756,951.21)	(2,256,289.97)	(2,811,366.53)	(3,207,393.58)	(3,582,114.98)	
3. Total beginning & ending	6,939,377.72	5,962,465.82	4,556,401.85	3,005,347.08	1,119,627.62	(556,883.23)	(1,609,794.20)	(2,769,098.02)	(4,013,725.77)	(5,068,400.71)	(6,019,773.79)	(6,790,712.51)	
4. Average True up Amount	3,469,688.86	2,981,232.91	2,278,200.93	1,502,673.54	559,813.81	(278,441.62)	(804,897.10)	(1,384,549.01)	(2,006,862.89)	(2,534,200.36)	(3,009,886.90)	(3,395,356.26)	
5. Interest Rate First Day Reporting Business Month	0.4000	0.4000	0.4200	0.4400	0.3400	0.3600	0.3800	0.4300	0.4100	0.4800	0.4800	0.4800	
6. Interest Rate First Day Subsequent Business Month	0.4000	0.4200	0.4400	0.3400	0.3600	0.3800	0.4300	0.4100	0.4800	0.4800	0.4800	0.7200	
7. Total of Lines 5 and 6	0.8000	0.8200	0.8600	0.7800	0.7000	0.7400	0.8100	0.8400	0.8900	0.9600	0.9600	1.2000	
8. Average Interest rate (50% of Line 7)	0.4000	0.4100	0.4300	0.3900	0.3500	0.3700	0.4050	0.4200	0.4450	0.4800	0.4800	0.6000	
9. Monthly Average Interest Rate Line 8 \ 12	0.000333	0.000342	0.000358	0.000325	0.000292	0.000308	0.000338	0.000350	0.000371	0.000400	0.000400	0.000500	
10. Interest Adjustment													
11. Interest Provision (Line 4 X 9)	1,156.56	1,018.59	816.36	488.37	163.28	(85.85)	(271.65)	(484.59)	(744.21)	(1,013.68)	(1,203.95)	(1,697.68)	(1,858.45)

Gulf Power Company
ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2016 - December 2016

**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)		(59,635.14)	18,316.17	89,375.67	78,795.96	17,430.54	141,211.40	66,496.71	152,402.17	172,697.83	22,014.53	387,368.84	155,356.26	
2 Depreciable Base (Cumulative Plant Additions PM Ln 2 + CM Ln 1)	13,556,278.60	13,496,643.46	13,514,959.63	13,604,335.30	13,683,131.26	13,700,561.80	13,841,773.20	13,908,269.91	14,060,672.08	14,233,369.91	14,255,384.44	14,642,753.28	14,798,109.54	
3 Depreciation Expense (Note A)		31,179.44	31,042.28	31,084.41	31,289.97	31,471.20	31,511.29	31,836.08	31,989.02	32,339.55	32,736.75	32,787.38	33,678.33	382,945.70
4 Salvage, Cost of Removal and Retirement		(199,086.44)	(94,552.94)	(79,164.01)	3,083.83	(58,026.16)	16,277.28	(24,198.35)	(573,452.13)	13,314.05	(4,298.71)	(38,655.85)	(21,730.58)	
5 Less: Accum. Depr. COR and Sal. (PM Ln 5 + CM Ln 3 + 4)	(7,420,751.60)	(7,588,658.60)	(7,652,169.26)	(7,700,248.86)	(7,665,875.06)	(7,692,430.02)	(7,644,641.45)	(7,637,003.72)	(8,178,466.83)	(8,132,813.23)	(8,104,375.19)	(8,110,243.66)	(8,098,295.91)	
6 Net Plant In Service (CM Ln 2 - CM Ln 5)	20,977,030.20	21,085,302.06	21,167,128.89	21,304,584.16	21,349,006.32	21,392,991.82	21,486,414.65	21,545,273.63	22,239,138.91	22,366,183.14	22,359,759.63	22,752,996.94	22,896,405.45	
7 Net Additions/Reductions to CWIP	0.00	17,559.34	39,020.00	(56,579.34)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8 CWIP Balance (PM Ln 8 + CM Ln 7)	0.00	17,559.34	56,579.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9 Inventory	1,452,475.81	1,368,781.44	1,280,771.60	1,230,131.69	1,178,387.59	1,136,694.73	1,042,630.80	1,467,611.91	690,726.84	627,426.99	601,627.32	553,931.99	581,105.07	
10 Net Investment (CM Ln 6 + CM Ln 8 + CM Ln 9)	22,429,506.01	22,471,642.84	22,504,479.83	22,534,715.85	22,527,393.91	22,529,686.55	22,529,045.45	23,012,885.54	22,929,865.75	22,993,610.13	22,961,386.95	23,306,928.93	23,477,510.52	
11 Average Net Investment (PM Ln 10 + CM Ln 10)/2		22,450,574.43	22,488,061.34	22,519,597.84	22,531,054.88	22,528,540.23	22,529,366.00	22,770,965.50	22,971,375.65	22,961,737.94	22,977,498.54	23,134,157.94	23,392,219.73	
12 Rate of Return / 12 (Note B)		0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	0.006661	0.006661	0.006661	0.006661	0.006661	0.006661	
13 Return Requirement on Average Net Investment (CM Ln 11 * CM Ln 12)		153,090.47	153,346.09	153,561.14	153,639.26	153,622.12	153,627.75	151,677.40	153,012.33	152,948.14	153,053.12	154,096.63	155,815.58	1,841,490.03
14 Property Tax		10,729.87	10,729.87	10,729.87	10,729.87	10,729.87	10,729.87	10,729.87	10,729.87	10,729.87	10,729.87	10,729.87	10,729.86	128,758.43
15 Total Depreciation, Prop Taxes & Return (CM Ln 3 + CM Ln 13 + CM Ln 14)		194,999.78	195,118.24	195,375.42	195,659.10	195,823.19	195,868.91	194,243.35	195,731.22	196,017.56	196,519.74	197,613.88	200,223.77	2,353,194.16

Notes:

- (A) Energy *Select* Property Additions Depreciated at 2.8% per year
(B) Revenue Requirement Return (includes Income Taxes) is: Jan - Jun 8.1828%; Jul - Dec 7.9932%.

Gulf Power Company
ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2016 - December 2016

**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)		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 (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	164.19	1,973.25
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)	11,841.12	12,005.58	12,170.04	12,334.50	12,498.96	12,663.42	12,827.88	12,992.34	13,156.80	13,321.26	13,485.72	13,650.18	13,814.37	
7	Net Plant In Service (CM Ln 2 - CM Ln 6)	1,973.25	1,808.79	1,644.33	1,479.87	1,315.41	1,150.95	986.49	822.03	657.57	493.11	328.65	164.19	0.00	
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)	1,973.25	1,808.79	1,644.33	1,479.87	1,315.41	1,150.95	986.49	822.03	657.57	493.11	328.65	164.19	0.00	
12	Average Net Investment (PM Ln 11 + CM Ln 11)/2		1,891.02	1,726.56	1,562.10	1,397.64	1,233.18	1,068.72	904.26	739.80	575.34	410.88	246.42	82.10	
13	Rate of Return / 12 (Note B)		0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	0.006661	0.006661	0.006661	0.006661	0.006661	0.006661	
14	Return Requirement on Average Net Investment (CM Ln 12 * CM Ln 13)		12.89	11.77	10.65	9.53	8.41	7.29	6.02	4.93	3.83	2.74	1.64	0.55	80.25
15	Property Tax		9.11	9.11	9.11	9.11	9.11	9.11	9.11	9.11	9.11	9.11	9.11	9.15	109.36
16	Adjustment		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.27
17	Total Depreciation, Prop Taxes & Return (CM Ln 3 + CM Ln 14 + CM Ln 15)		186.46	185.34	184.22	183.10	181.98	180.86	179.59	178.50	177.40	176.31	175.21	174.16	2,163.13

Notes:
(A) Displays are Seven year Property 1.1905% per month.
(B) Revenue Requirement Return (includes Income Taxes) is: Jan - Jun 8.1828%; Jul - Dec 7.9932%.

Gulf Power Company
ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2016 - December 2016

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)		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 (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	543.27	6,521.66
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)	39,131.04	39,674.53	40,218.02	40,761.51	41,305.00	41,848.49	42,391.98	42,935.47	43,478.96	44,022.45	44,565.94	45,109.43	45,652.70	
7	Net Plant In Service (CM Ln 2 - CM Ln 6)	6,521.66	5,978.17	5,434.68	4,891.19	4,347.70	3,804.21	3,260.72	2,717.23	2,173.74	1,630.25	1,086.76	543.27	0.00	
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)	6,521.66	5,978.17	5,434.68	4,891.19	4,347.70	3,804.21	3,260.72	2,717.23	2,173.74	1,630.25	1,086.76	543.27	0.00	
12	Average Net Investment (PM Ln 11 + CM Ln 11)/2		6,249.92	5,706.43	5,162.94	4,619.45	4,075.96	3,532.47	2,988.98	2,445.49	1,902.00	1,358.51	815.02	271.64	
13	Rate of Return / 12 (Note B)		0.006819	0.006819	0.006819	0.006819	0.006819	0.006819	0.006661	0.006661	0.006661	0.006661	0.006661	0.006661	
14	Return Requirement on Average Net Investment (CM Ln 12 * CM Ln 13)		42.62	38.91	35.21	31.50	27.79	24.09	19.91	16.29	12.67	9.05	5.43	1.81	265.28
15	Property Tax		30.12	30.12	30.12	30.12	30.12	30.12	30.12	30.12	30.12	30.12	30.12	30.10	361.42
16	Adjustment		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.22
17	Total Depreciation, Prop Taxes & Return (CM Ln 3 + CM Ln 14 + CM Ln 15)		616.23	612.52	608.82	605.11	601.40	597.70	593.52	589.90	586.28	582.66	579.04	575.40	7,148.58

Notes:
(A) Thermal Imaging Tools are Seven year Property 1.1905% per month.
(B) Revenue Requirement Return (includes Income Taxes) is: Jan - Jun 8.1828%; Jul - Dec 7.9932%.

CT-5

GULF POWER COMPANY

Reconciliation and Explanation of
Differences Between Filing and FPSC Audit
Report for Months, January, 2016 through December, 2016

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

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 Accomplishments:

- Energy Audit – During 2016, Gulf performed 6,696 energy audits. These included 2,142 online audits, 1,436 in home audits, and 3,118 pre-construction audits.
- School-based Awareness and Education
 - Gulf provided professional development in energy-related science and math for 118 elementary, middle, and high school teachers who reach an estimated 7,500 students. These teachers received continuing education credits as well as hands-on energy, efficiency and renewable energy classroom materials and curriculum.
 - Gulf provided workshops for instructors of student summer camps in STEM (Science Technology Engineering Math) in two partnerships:
 - FSU Panama City STEM institute's Summer Camp program that reached approximately 300 8th – 12th grade students;
 - Bay County School District middle school STEM initiative that reached 60 6th – 8th grade students.
 - The estimated reach through these energy education programs is nearly 8,000 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 classroom demonstrations and hands-on energy-related activities in schools on a monthly basis. Also, 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.

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Program Fiscal Expenditures: For 2016, Gulf projected \$2,261,720 of expenses compared to actual expenses of \$2,244,715 resulting in a variance of \$17,005 or 0.8% under the projection.

Program Progress Summary: Since the approval of this program, Gulf Power Company has performed 229,491 residential energy surveys.

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 Accomplishments: During 2016, 2,500 of Gulf's customers received the measures included in this program compared to a projection of 2,500 participants, a difference of zero to the projection.

Program Fiscal Expenditures: For 2016, Gulf projected expenses for this program of \$722,830 compared to actual expenses of \$742,175 resulting in a variance of \$19,345 or 2.7% over the projection.

Program Progress Summary: A total of 15,005 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: Residential 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 maintenance and quality installation, high performance windows, reflective roofing and Energy Star window A/Cs. 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.

Program Accomplishments: During 2016, no participants enrolled in this program. While there are no participants recorded in this year, Gulf continues to work with customers in the rental property sector.

Program Fiscal Expenditures: During 2016, \$98,946 in expenses were projected, compared to actual expenses of \$57,909 resulting in a variance of \$41,037 or 41.5% 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
- Duct repair
- HVAC Quality Installation

Program Accomplishments: During 2016, compared to the projection for 2016, the following participation was achieved:

Measure	2016 Year End Projection	2016 Actual Participation	Variance
HVAC maintenance	3,874	3,742	(132)
Duct repair	1,503	1,471	(32)
HVAC Quality Installation	602	567	(35)

Program Fiscal Expenditures: – For 2016, Gulf projected \$1,344,777 in expenses compared to actual expenses of \$1,255,782 resulting in a variance of \$88,995 or 6.6% under the projection.

Program Progress Summary: Since its launch in 2013, the following participation has been achieved:

Measure	Program to Date Actual Participation
HVAC maintenance	36,515
Duct repair	21,363
HVAC Quality Installation	567

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 Accomplishments: During 2016, compared to the projection for 2016, the following participation was achieved:

Measure	2016 Year End Projection	2016 Actual Participation	Variance
High Performance Windows	307	266	(41)
Reflective Roof	308	310	2
ENERGY STAR Window A/C	28	20	(8)

Program Fiscal Expenditures: For 2016, Gulf projected \$461,411 in expenses compared to actual expenses of \$477,689 resulting in a variance of \$16,278 or 3.5% over the projection.

Program Progress Summary: Since its launch in 2011, the following participation has been achieved:

Measure	Program to Date Actual Participation
High Performance Windows	4,714
Reflective Roof	1,398
ENERGY STAR Window A/C	814

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 Accomplishments: During 2016, the Energy *Select* program experienced a net addition of 1,473 participants compared to a projection of 1,600 or 127 under the projection.

Program Fiscal Expenditures: During 2016, there were projected expenses of \$5,986,028 compared with actual expenses of \$5,668,916. This results in a deviation of \$317,112 or 5.3% under the projection.

Program Progress Summary: As of December 2016, there were 17,720 participating customers.

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 an on-line survey. A more comprehensive analysis can be provided by conducting a Technical Assistance Audit (TAA).

Program Accomplishments: During 2016, the Company performed 342 commercial/industrial audits. The total projection for 2016 was 356 audits for a variance of 14 fewer participants than projected.

Program Fiscal Expenditures: For 2016, Gulf projected expenses of \$683,436 compared to actual expenses of \$704,690 for a deviation of \$21,254 or 3.1% over budget.

Program Progress Summary: Since this program was launched, 22,714 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 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 Accomplishments: During 2016, 41 customers participated in this program compared to a projection of 60 participants resulting in a variance of 19 fewer participants than projected.

Program Fiscal Expenditures: For 2016, the Company projected \$65,832 in program expenses compared to actual expenses of \$62,553 resulting in a variance of \$3,279 or 5.0% under the projection.

Program Progress Summary: Since its launch in 2011, 1,012 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.

Program Accomplishments: During 2016, compared to the 2016 projection, the measures in this program have had the following participation:

Program	Annual Projections (2016)	Actual Participation (2016)	Variance
Commercial Geothermal Heat Pump (tons of installed HVAC)	92	50	(42)
Ceiling/Roof Insulation (square feet)	13,500	20,806	7,306
Commercial Reflective Roof (square feet)	97,572	269,196	171,624

Program Fiscal Expenditures: During 2016, the Company projected \$376,508 in expenses compared to actual expenses of \$392,968 for a variance of \$16,460 or 4.4% over the projection.

Program Progress Summary: Since its launch in 2011, customer participation is shown in the table below.

Program	Program to Date Participation
Commercial Geothermal Heat Pump (tons of installed HVAC)	578
Ceiling/Roof Insulation (square feet)	348,258
Commercial Reflective Roof (square feet)	3,274,354

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 2016, no customers participated in this program.

Program Fiscal Expenditures: During the reporting period, the Company projected expenses of \$97,496 compared to actual expenses of \$53,813 resulting in a variance of \$43,683, or 44.8% 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 reductions of 7,070,333 kWh (energy), 741 winter kW (demand) and 1,151 summer kW (demand).

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. 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 adjust the HVAC equipment settings 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 an opportunity for additional savings by shifting energy purchases to the lower priced periods, while providing peak demand reduction during the high and critical periods.

Program Accomplishments: During 2016, 441 customers enrolled with 375 customers completing installation and participating in the RSTOU rate. The total projection for 2016 was approximately 400 participants by year end. This program was projected to start in the fall of 2015; however, due to program development delays, the program launch was shifted to February 2016.

Program Fiscal Expenditures: During 2016, the Company projected expenses of \$340,750 compared to actual expenses of \$169,832 resulting in a variance of \$170,918 or 50.2% under the projection.

Program Progress Summary: Since its launch in February 2016, 375 customers have participated in the Residential Service Time of Use 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 entered into a partnership, along with a number of other donors, with the University of West Florida, located in Pensacola, Florida, to help build a facility to be used as an educational tool and resource for Northwest Florida.

The project, now known as The Community Outreach, Research and Education (C.O.R.E.) Initiative, is a center to explain and demonstrate the advantages of retrofitting existing homes for energy efficiency. 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 promotes energy efficient construction through the innovative display of cutting-edge technology, and through community outreach and participation. The lab is available to students, industry professionals and the general public.

The facility accommodates a research initiative in an effort to measure the efficacy of different building technologies and installations. The C.O.R.E initiative is particularly interested in the metering and measurement of sealed attic spaces, roof types, walls forms, windows, water heaters, Heating, Ventilation and Air Conditioning (HVAC) equipment, renewable energy and controls systems. The construction yard and demonstration area provides a similar opportunity for materials research and community seminars.

A final report was issued December 2016 on this project. Gulf Power will remain involved with C.O.R.E. as the primary energy consultant and may initiate future CDD projects as new technologies are introduced at the facility.

Azalea Trace Project

The purpose of this project was to test the application of a Heat Pump Water Heater (HPWH) in an assisted living facility. The project included the installation of a commercial size Heat Pump Water Heater (4-ton heating capacity), two 119 gallon storage tanks and distribution duct work. The HPWH unit provides preheated water (140 degrees F) to the existing natural gas boilers. In turn, the boilers feed the existing 350 gallon storage tank supplying hot water to the washers.

The project has provided a database for the application of the HPWH in this type facility. No data was on record within Gulf Power for the HPWH application in an assisted living facility. The laundry operated 24-hours a day, 7-days a week. The data was 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 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 was monitored for one year, and a full report was submitted December 2016 to the Commission.

10th Ave North Hair Salon Heat Pump Water Heater Project (HPWH)

This project was 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 was installed and metered in a high water use commercial facility to determine the performance, reliability and economic return on investment. Gulf partnered with General Electric (GE) for this project. Two 50 gallon HPWH’s were installed with an Energy Factor of 2.4, which GE agreed to warranty as part of this project.

The project was monitored to the last quarter of 2016 and a full report was submitted to the Commission March 28, 2017.

Tesla Powerwall Demand Response (DR)

Modern-day battery storage provided by Tesla may be able to improve the effectiveness of current “Demand Response” programs. Demand response not only refers to *load shedding* but now also includes *load shifting*.

The Powerwall DR CDD Project will discover the possibilities and impact of:

1. *Load Shifting*: Battery storage's ability to maximize the impact of TOU rates by charging during off-peak/low periods and discharging during on-peak/medium-high periods
2. *Peak Reduction*: Battery storage's ability to be dispatched at specific times (critical peak events) to supplement the demand response capability of Energy Select.

Data monitoring will be used to assess the impact of battery storage in terms of performance, reliability, economic return on investment, from the perspective of the customer and the utility.

Tesla's daily cycle 6.4kWh Powerwall will be interconnected to a SolarEdge StorEdge inverter and existing Energy Select equipment. TOU times and critical peak dispatches will be accessed through the inverter's internal controls. Third parties have been contracted to install the equipment, monitor the various outputs of the system, compile the data for further analysis and provide a final report on the project.

Tesla Powerwall Demand Photovoltaic (PV)

Modern-day battery storage provided by Tesla may be able to overcome two of the typical shortcomings of grid-tied solar photovoltaics: the limited "daytime" periods of generation and the intermittency of output (due to shade or cloud cover).

The Powerwall PV CDD Project will discover the possibilities and impact of:

1. *Solar Shifting*: Battery storage's impact on peak demand by charging during the normal PV generation period and discharging during on-peak/medium-high periods.
2. *Solar Smoothing*: Battery storage's ability to stabilize the PV output during adverse weather conditions / cloud cover or shading caused by obstructions.

Data monitoring will be used to assess the impact of battery storage in terms of performance, reliability, economic return on investment, from the perspective of the customer and the utility.

Tesla's daily cycle 6.4kWh Powerwall will be interconnected to a SolarEdge StorEdge inverter and a retrofitted/existing 5kW photovoltaic installation. Charge and discharge time periods will be programmed within the inverter's internal controls. Third parties have been contracted to install the equipment, monitor the various

outputs of the system, compile the data for further analysis and provide a final report on the project.

Domestic Hot Water Analysis

This project aims to address an underserved area of the heat pump water heating market: small commercial buildings. Specific focus will be paid to the food service industry due to their potential for large domestic hot water usage. These building types are too small and cannot handle the capital intensity of large, engineered heat pump water heating systems; and it is unknown if their usage patterns could be supported by an integrated, residential-sized heat pump water heater. Thus, this project's objectives are as follows:

- Identify customers for participation in this study: Fast food, sandwich shops, cafeteria-style eateries, convenience stores, small laundries, and salons
- Obtain permission from each site owner to install monitoring systems.
- Collect number of and type of hot water end uses at each site.
- Install field monitoring on 20 small commercial building types .
- Collect up to two months of hot water usage data at each site.
- Analyze the collected data to develop usage patterns for each site.
- Produce a final report including recommendations to manufacturers on optimal approaches to the small commercial heat pump water heater market.

Collected data will be used to produce daily water consumption load shapes for each site type. This data will then be analyzed to make recommendations on ideal heat pump water heater technology needs to serve this market. The data will be shared with interested manufacturers to inform their product development planning processes with the intention of influencing the production of applicable heat pump water heaters for the small commercial market.

Program Fiscal Expenditures: Program expenses were forecasted at \$135,116 for the period January through December 2016 compared to actual expenses of \$79,525 for a deviation of \$55,591 or 41.1% under the projection. Project expenses were as follows: UWF BEST House, \$0; Azalea Trace Heat Pump Water Heater, \$2,102; Hair Salon Heat Pump Water Heater Project, \$15,329; Tesla Powerwall Demand Response, \$31,515; Tesla Powerwall Demand Photovoltaic, \$26,680; and Domestic Hot Water Analysis, \$3,899.

GULF POWER COMPANY
ENERGY CONSERVATION COST RECOVERY CLAUSE
INDEX OF SCHEDULES

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FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170002-EG EXHIBIT: 14
PARTY: GULF POWER COMPANY (Direct)
DESCRIPTION: John N. Floyd JNF-2

GULF POWER COMPANY
 ENERGY CONSERVATION CLAUSE
 SUMMARY OF PROJECTED COST RECOVERY CLAUSE CALCULATION
 For the Period: January, 2018 Through December, 2018

		\$
1.	Net Program Costs: Projected for 2018 (Schedule C-2 Page 2 of 3, Line 16)	14,512,062
2.	True Up: Estimated 2017 (Jan-Jun Actual; Jul-Dec Est.) (Schedule C-3, Page 3 of 5, Line 11)	143,402
3.	Total (Line 1 + Line 2)	14,655,464
4.	Cost Subject to Revenue Taxes	14,655,464
5.	Revenue Tax	1.00072
6.	Total Recoverable Cost	14,666,016

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 3, and is consistent with the methodology set forth in FPSC Order No. PSC-93-1845-FOF-EG.

7.	Total Cost	14,666,016
8.	Energy Related Costs	10,815,627
9.	Demand Related Costs (total)	3,850,389
10.	Demand Costs Allocated on 12 CP	3,554,205
11.	Demand Costs Allocated on 1/13 th	296,184

	Energy \$	* Demand \$	Total	Energy	Demand	Total Recoverable Costs Including Revenue Taxes
	\$	\$	\$	\$	\$	\$
12. Est/Actual 2017	8,907,794	3,368,408	12,276,202	104,129	39,376	143,505
13. Percentage	72.56%	27.44%	100.00%			
14. Projected 2018	10,703,791	3,808,271	14,512,062	10,711,498	3,811,013	14,522,511
15. Percentage	73.76%	26.24%	100.00%			
16. Total				10,815,627	3,850,389	14,666,016

* Note: Demand dollars are half of Energy Select and all of Critical Peak Option

GULF POWER COMPANY
ENERGY CONSERVATION COST RECOVERY FACTORS
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
For the Period: January, 2018 Through December, 2018

Rate Class	A	B	C	D	E	F	G	H	I
	Average 12 CP Load Factor at Meter	Jan - Dec 2018 Projected KWH Sales at Meter	Projected Avg 12 CP KW at Meter	Demand Loss Expansion Factor	Energy Loss Expansion Factor	Jan - Dec 2018 Projected KWH Sales at Generation	Projected Avg 12 CP KW at Generation	Jan - Dec 2018 Percentage of KWH Sales at Generation	Percentage of 12 CP KW Demand at Generation
RS, RSVP, RSTOU	57.542346%	5,405,053,000	1,072,280	1.00609343	1.00559591	5,435,299,190	1,078,814	49.83290%	57.74834%
GS	63.463164%	309,196,000	55,617	1.00608241	1.00559477	310,925,881	55,955	2.85069%	2.99526%
GSD, GSDT, GSTOU	73.488079%	2,462,912,000	382,585	1.00590017	1.00544671	2,476,326,767	384,842	22.70391%	20.60040%
LP, LPT	82.760718%	894,459,000	123,376	0.98747379	0.99210885	887,400,690	121,831	8.13603%	6.52155%
PX, PXT, RTP, SBS	85.375300%	1,684,946,000	225,294	0.96884429	0.97666479	1,645,627,431	218,275	15.08774%	11.68414%
OS - I / II	416.652542%	101,954,000	2,793	1.00619545	1.00560119	102,525,064	2,811	0.93999%	0.15045%
OS-III	99.799021%	48,672,000	5,567	1.00617773	1.00558881	48,944,019	5,602	0.44874%	0.29986%
TOTAL		<u>10,907,192,000</u>	<u>1,867,513</u>			<u>10,907,049,042</u>	<u>1,868,130</u>	<u>100.000000%</u>	<u>100.000000%</u>

Notes:
Column A = Average 12 CP load factor based on actual 2015 load research data.
Column C = Column B / (8760 hours x Column A), 8,760 is the number of hours in 12 months.
Column F = Column B x Column E
Column G = Column C x Column D
Column H = Column F / Total Column F
Column I = Column G / Total Column G

GULF POWER COMPANY
ENERGY CONSERVATION COST RECOVERY FACTORS
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
For the Period: January, 2018 Through December, 2018

Rate Class	A	B	C	D	E	F	G	H
	Jan - Dec 2018 Percentage of KWH Sales <u>at Generation</u>	Percentage of 12 CP KW Demand <u>at Generation</u>	Demand Allocation 12CP	1/13 th	Energy Allocation	Total Conservation Costs	Jan - Dec 2018 Projected KWH Sales <u>at Meter</u>	Conservation Recovery Factor <u>cents per KWH</u>
RS, RSVP, RSTOU	49.83290%	57.74834%	\$2,052,495	\$147,598	\$5,389,740	\$7,589,833	5,405,053,000	0.140
GS	2.85069%	2.99526%	106,458	8,443	308,320	423,221	309,196,000	0.137
GSD, GSDT, GSTOU	22.70391%	20.60040%	732,180	67,245	2,455,570	3,254,995	2,462,912,000	0.132
LP, LPT	8.13603%	6.52155%	231,789	24,098	879,963	1,135,850	894,459,000	0.127
PX, PXT, RTP, SBS	15.08774%	11.68414%	415,278	44,687	1,631,834	2,091,799	1,684,946,000	0.124
OS - I / II	0.93399%	0.15045%	5,347	2,784	101,666	109,797	101,954,000	0.108
OS-III	0.44874%	0.29986%	10,658	1,329	48,534	60,521	48,672,000	0.124
TOTAL	100.00000%	100.00000%	\$3,554,205	\$296,184	\$10,815,627	\$14,666,016	10,907,192,000	

Notes:

- A Obtained from Schedule C-1, page 2 of 3, column H
- B Obtained from Schedule C-1, page 2 of 3, column I
- C Total from C-1, page 1, line 10 * column B
- D Total from C-1, page 1, line 11 * column A
- E Total from C-1, page 1, line 8 * column A
- F Sum of Columns C, D and E
- G Projected kWh sales for the period January 2018 through December 2018
- H Column F / G

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
PROJECTED CONSERVATION PROGRAM NET COSTS
For the Period: January, 2018 Through December, 2018

Programs	Depreciation, Return & Property Taxes	Payroll & Benefits	Materials & Supplies	Other	Advertising	Incentives	Total Costs	Program Fees	Net Costs
Residential Conservation Programs:									
1. Residential Energy Audit and Education	0	1,237,741	426,661	0	350,000	0	2,014,402	0	2,014,402
2. Community Energy Saver	0	116,592	725,253	0	0	0	841,845	0	841,845
3. Residential Custom Incentive	0	40,842	55,425	0	0	50,000	146,267	0	146,267
4. HVAC Efficiency	0	312,161	880,530	0	0	395,000	1,587,691	0	1,587,691
5. Residential Building Efficiency	0	385,794	96,851	0	0	165,000	647,645	0	647,645
6. Energy Select	3,569,054	1,114,699	2,082,337	0	300,000	0	7,066,090	0	7,066,090
Subtotal	3,569,054	3,207,829	4,267,057	0	650,000	610,000	12,303,940	0	12,303,940
Commercial / Industrial Conservation Programs:									
7. Commercial / Industrial Audit	0	655,508	116,312	0	0	0	771,820	0	771,820
8. HVAC Retrocommissioning	0	41,589	49,715	0	0	25,000	116,304	0	116,304
9. Commercial Building Efficiency	0	302,256	96,151	0	0	160,000	558,407	0	558,407
10. Commercial / Industrial Custom Incentive	0	51,489	67,626	0	0	50,000	169,115	0	169,115
Subtotal	0	1,050,842	329,804	0	0	235,000	1,615,646	0	1,615,646
11. Residential Time of Use Rate Pilot	0	10,305	56,945	0	0	0	67,250	0	67,250
12. Conservation Demonstration and Development	0	44,826	205,174	0	0	0	250,000	0	250,000
13. Critical Peak Option	0	20,000	255,226	0	0	0	275,226	0	275,226
14. Total All Programs	3,569,054	4,333,802	5,114,206	0	650,000	845,000	14,512,062	0	14,512,062
15. Less: Base Rate Recovery	0	0	0	0	0	0	0	0	0
16. Net Program Costs	3,569,054	4,333,802	5,114,206	0	650,000	845,000	14,512,062	0	14,512,062

GULF POWER COMPANY
 ENERGY CONSERVATION CLAUSE
 PROJECTED CONSERVATION PROGRAM COSTS (NET OF PROGRAM FEES)
 For the Period: January, 2018 Through December, 2018

Programs	12 MONTH TOTAL												ENERGY COSTS	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		DEMAND COSTS
Residential Conservation Programs:														
1. Residential Energy Audit and Education	112,647	190,642	285,372	161,342	166,956	172,527	115,763	321,235	131,915	121,918	118,876	115,209	2,014,402	2,014,402
2. Community Energy Saver	69,140	69,147	74,087	69,579	69,383	69,484	69,375	73,888	69,518	69,392	69,405	69,447	841,845	841,845
3. Residential Custom Incentive	11,143	12,168	14,413	12,761	14,764	12,764	14,260	14,342	8,824	14,770	7,780	8,278	146,267	146,267
4. HVAC Efficiency	145,062	143,129	160,029	147,492	138,259	128,368	150,053	164,111	97,701	115,056	96,358	105,073	1,587,691	1,587,691
5. Residential Building Efficiency	51,653	50,759	70,888	48,114	53,430	52,432	61,231	74,269	52,335	48,383	42,710	41,441	647,645	647,645
6. Energy Select	520,694	526,607	643,566	654,508	536,163	619,836	534,646	700,139	601,994	550,654	542,736	634,547	3,533,045	3,533,045
Subtotal	910,339	992,452	1,248,355	1,093,796	978,955	1,052,411	945,328	1,347,984	962,287	920,173	877,865	973,995	12,303,940	12,303,940
Commercial / Industrial Conservation Programs:														
7. Commercial / Industrial Audit	53,022	78,539	93,530	56,386	56,737	55,959	56,104	87,230	56,413	64,796	55,851	57,253	771,820	771,820
8. HVAC Retrocommissioning	9,467	8,018	10,478	9,582	8,819	11,191	9,559	13,173	7,393	13,615	7,369	7,640	116,304	116,304
9. Commercial Building Efficiency	38,836	37,874	64,338	45,317	87,522	30,636	51,562	74,852	33,137	30,599	30,013	33,721	558,407	558,407
10. Commercial / Industrial Custom Incentive	12,961	13,985	16,660	14,602	16,605	14,604	16,098	16,590	10,665	16,610	9,621	10,114	169,115	169,115
Subtotal	114,286	138,416	185,006	125,887	169,683	112,390	133,323	191,845	107,608	125,620	102,854	108,728	1,615,646	1,615,646
11. Residential Time of Use Rate Pilot	5,518	5,518	5,940	5,541	5,541	5,541	5,541	5,941	5,541	5,542	5,542	5,543	67,250	67,250
12. Conservation Demonstration and Development	20,637	18,098	22,563	20,758	20,762	20,761	20,755	22,491	20,821	20,768	20,777	20,809	250,000	250,000
13. Critical Peak Option	22,936	22,936	22,936	22,936	22,936	22,936	22,936	22,936	22,936	22,936	22,936	22,936	275,226	275,226
14. Total All Programs	1,073,716	1,177,420	1,484,800	1,268,918	1,197,877	1,214,039	1,127,883	1,591,197	1,119,194	1,095,039	1,029,974	1,132,005	14,512,062	14,512,062
15. Less: Base Rate Recovery	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16. Net Program Costs	1,073,716	1,177,420	1,484,800	1,268,918	1,197,877	1,214,039	1,127,883	1,591,197	1,119,194	1,095,039	1,029,974	1,132,005	14,512,062	14,512,062

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
Energy Select

For the Period: January, 2018 Through December, 2018

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)	117,886	118,081	118,469	118,664	136,766	154,868	155,062	155,257	155,257	137,738	155,451	137,738	120,025	1,344,810
2.	Depreciation Base	16,275,759	16,393,645	16,511,726	16,630,001	16,748,470	16,867,134	17,003,900	17,158,768	17,313,831	17,469,087	17,624,539	17,762,277	17,882,301	
3.	Depreciation Expense (A)	107,420	108,198	109,758	110,540	111,323	112,226	113,248	114,271	115,296	116,322	117,351	118,376	119,401	
4.	Cumulative Plant in Service Additions	16,275,759	16,393,645	16,511,726	16,630,001	16,748,470	16,867,134	17,003,900	17,158,768	17,313,831	17,469,087	17,624,539	17,762,277	17,882,301	
5.	Salvage, Cost of Removal and Retirement		0	0	0	0	0	0	0	0	0	0	0	0	
6.	Less: Accumulated Depreciation	(7,666,816)	(7,559,396)	(7,451,198)	(7,342,221)	(7,232,463)	(7,121,923)	(7,010,600)	(6,898,374)	(6,785,126)	(6,670,855)	(6,555,559)	(6,439,237)	(6,322,006)	
7.	Net Plant in Service (Line 4 - 6)	23,942,575	23,953,042	23,962,924	23,972,222	23,980,933	23,989,057	24,014,500	24,057,142	24,098,957	24,139,943	24,180,998	24,201,514	24,204,307	
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	678,024	630,356	785,395	737,727	690,058	642,390	582,804	511,301	642,506	571,003	499,501	439,915	667,884	
11.	Net Investment (Line 7 + 9 + 10)	24,620,599	24,583,397	24,748,319	24,709,949	24,670,992	24,631,447	24,597,304	24,568,443	24,741,463	24,710,946	24,679,599	24,641,429	24,872,192	
12.	Average Net Investment		24,601,998	24,665,858	24,729,134	24,690,470	24,651,219	24,614,375	24,582,874	24,654,953	24,726,204	24,695,272	24,660,514	24,756,810	
13.	Rate of Return / 12 (Including Income Taxes) (B)		0.007012	0.007012	0.007012	0.007012	0.007012	0.007012	0.007012	0.007012	0.007012	0.007012	0.007012	0.007012	
14.	Return Requirement on Average Net Investment		172,509	172,957	173,401	173,130	172,854	172,596	172,375	172,881	173,380	173,163	172,920	173,595	2,075,761
15.	Property Taxes		12,374	12,374	12,374	12,374	12,374	12,374	12,374	12,374	12,374	12,374	12,374	12,369	148,483
16.	Total Depreciation, Return and Property Taxes (Line 3+14+15)		292,303	293,529	294,752	295,262	295,768	296,293	296,975	298,503	300,025	300,833	301,616	303,195	3,569,054

Notes:
(A) Energy Select Property Additions Depreciated at 7.9% per year.
(B) Revenue Requirement Return (includes Income Taxes) is 8.4144%.

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
CONSERVATION PROGRAM NET COST
January, 2017 Through June, 2017, Actual
July, 2017 Through December 2017, Estimated

Actual	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Materials & Supplies	Other	Advertising	Incentives	Total Costs	Program Fees	Net Costs
Residential Conservation Programs:									
1.	Residential Energy Audit and Education								
a.	0.00	759,213.65	148,624.64	0.00	2,632.00	0.00	910,470.29	0.00	910,470.29
b.	0.00	759,214.00	148,625.00	0.00	300,000.00	0.00	1,207,839.00	0.00	1,207,839.00
c.	0.00	1,518,427.65	297,249.64	0.00	302,632.00	0.00	2,118,309.29	0.00	2,118,309.29
2.	Community Energy Saver								
a.	0.00	45,840.48	287,189.45	0.00	0.00	0.00	333,029.93	0.00	333,029.93
b.	0.00	45,840.00	381,301.55	0.00	0.00	0.00	427,141.55	0.00	427,141.55
c.	0.00	91,680.48	668,491.00	0.00	0.00	0.00	760,171.48	0.00	760,171.48
3.	Residential Custom Incentive								
a.	0.00	30,654.38	1,144.27	0.00	0.00	0.00	31,798.65	0.00	31,798.65
b.	0.00	30,654.00	1,144.00	0.00	0.00	0.00	31,798.00	0.00	31,798.00
c.	0.00	61,308.38	2,288.27	0.00	0.00	0.00	63,596.65	0.00	63,596.65
4.	HVAC Efficiency								
a.	0.00	149,292.78	309,211.80	0.00	14,014.98	88,926.00	561,445.56	0.00	561,445.56
b.	0.00	149,293.00	412,946.20	0.00	0.00	187,074.00	749,313.20	0.00	749,313.20
c.	0.00	298,585.78	722,158.00	0.00	14,014.98	276,000.00	1,310,758.76	0.00	1,310,758.76
5.	Residential Building Efficiency								
a.	0.00	146,519.35	(45,641.22)	0.00	0.00	97,876.00	198,754.13	0.00	198,754.13
b.	0.00	146,519.00	35,000.00	0.00	0.00	117,124.00	298,643.00	0.00	298,643.00
c.	0.00	293,038.35	(10,641.22)	0.00	0.00	215,000.00	497,397.13	0.00	497,397.13
6.	Energy Select								
a.	1,245,370.50	512,601.06	970,534.48	0.00	83,276.92	0.00	2,811,782.96	0.00	2,811,782.96
b.	1,304,801.48	512,601.00	868,534.00	0.00	216,723.08	0.00	2,902,659.56	0.00	2,902,659.56
c.	2,550,171.98	1,025,202.06	1,839,068.48	0.00	300,000.00	0.00	5,714,442.52	0.00	5,714,442.52
Commercial / Industrial Conservation Programs:									
7.	Commercial / Industrial Energy Audit								
a.	0.00	289,724.63	40,644.43	0.00	0.00	0.00	330,369.06	0.00	330,369.06
b.	0.00	289,725.00	40,644.00	0.00	0.00	0.00	330,369.00	0.00	330,369.00
c.	0.00	579,449.63	81,288.43	0.00	0.00	0.00	660,738.06	0.00	660,738.06
8.	HVAC Retrocommissioning								
a.	0.00	31,289.45	1,266.19	0.00	0.00	0.00	32,555.64	0.00	32,555.64
b.	0.00	31,289.00	1,266.00	0.00	0.00	25,000.00	57,555.00	0.00	57,555.00
c.	0.00	62,578.45	2,532.19	0.00	0.00	25,000.00	90,110.64	0.00	90,110.64

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
CONSERVATION PROGRAM NET COST
January, 2017 Through June, 2017, Actual
July, 2017 Through December 2017, Estimated

	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Materials & Supplies	Other	Advertising	Incentives	Total Costs	Program Fees	Net Costs
Commercial / Industrial Conservation Programs Continued:									
9. Commercial Building Efficiency									
a. Actual	0.00	167,770.64	(13,499.04)	0.00	0.00	20,315.50	174,587.10	0.00	174,587.10
b. Estimated July through December	0.00	167,771.00	40,000.00	0.00	0.00	10,000.00	217,771.00	0.00	217,771.00
c. Total	0.00	335,541.64	26,500.96	0.00	0.00	30,315.50	392,358.10	0.00	392,358.10
10. Commercial / Industrial Custom Incentive									
a. Actual	0.00	26,873.44	1,297.73	0.00	0.00	0.00	28,171.17	0.00	28,171.17
b. Estimated July through December	0.00	26,873.00	1,298.00	0.00	0.00	25,000.00	53,171.00	0.00	53,171.00
c. Total	0.00	53,746.44	2,595.73	0.00	0.00	25,000.00	81,342.17	0.00	81,342.17
11. Residential Time of Use Rate Pilot									
a. Actual	0.00	11,328.10	11,826.09	0.00	0.00	0.00	23,154.19	0.00	23,154.19
b. Estimated July through December	0.00	11,328.00	11,826.00	0.00	0.00	0.00	23,154.00	0.00	23,154.00
c. Total	0.00	22,656.10	23,652.09	0.00	0.00	0.00	46,308.19	0.00	46,308.19
12. Conservation Demonstration and Development:									
a. Tesla Powerwall Demand Response	0.00	3,089.48	1,954.16	0.00	0.00	0.00	5,043.64	0.00	5,043.64
b. Tesla Powerwall Demand Photovoltaic	0.00	3,089.48	3,272.00	0.00	0.00	0.00	6,361.48	0.00	6,361.48
c. Domestic Hot Water Analysis	0.00	3,089.48	246.58	0.00	0.00	0.00	3,336.06	0.00	3,336.06
d.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
e.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
f. Total Actual	0.00	9,268.44	5,472.74	0.00	0.00	0.00	14,741.18	0.00	14,741.18
h. Estimated July through December	0.00	9,268.00	5,473.00	0.00	0.00	0.00	14,741.00	0.00	14,741.00
i. Total	0.00	18,536.44	10,945.74	0.00	0.00	0.00	29,482.18	0.00	29,482.18
13. Critical Peak Option									
a. Actual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. Estimated July through December	0.00	10,000.00	501,187.00	0.00	0.00	0.00	511,187.00	0.00	511,187.00
c. Total	0.00	10,000.00	501,187.00	0.00	0.00	0.00	511,187.00	0.00	511,187.00
14. a. Actual	1,245,370.50	2,180,376.40	1,718,071.56	0.00	99,923.90	207,117.50	5,450,859.86	0.00	5,450,859.86
b. Estimated	1,304,801.48	2,190,375.00	2,449,244.75	0.00	516,723.08	364,198.00	6,825,342.31	0.00	6,825,342.31
15. Total All Programs	2,550,171.98	4,370,751.40	4,167,316.31	0.00	616,646.98	571,315.50	12,276,202.17	0.00	12,276,202.17

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
CONSERVATION PROGRAM COSTS (Exclusive of Program Fees)
January, 2017 Through June, 2017, Actual
July, 2017 Through December 2017, Estimated

	ACTUAL												ESTIMATED												TOTAL ACTUAL & ESTIMATED COSTS
	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL ACT	ADJ	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL EST										
Residential Conservation Programs:																									
1. Residential Energy Audit and Education	133,582.82	149,980.49	172,587.56	143,636.01	158,249.84	152,433.57	910,470.29	0.00	201,307.00	201,307.00	201,307.00	201,307.00	201,307.00	201,304.00	1,207,839.00	2,118,309.29									
2. Community Energy Saver	66,835.09	49,512.58	58,051.11	55,344.21	45,812.31	57,474.63	333,029.93	0.00	71,190.00	71,190.00	71,190.00	71,190.00	71,190.00	71,191.55	427,141.55	760,171.48									
3. Residential Custom Incentive	5,366.46	4,852.54	5,500.26	5,171.30	5,595.90	5,312.19	31,798.65	0.00	5,300.00	5,300.00	5,300.00	5,300.00	5,300.00	5,298.00	31,798.00	63,596.65									
4. HVAC Efficiency	78,352.93	111,353.36	95,647.40	76,334.59	109,198.25	90,559.03	561,445.56	0.00	124,886.00	124,886.00	124,886.00	124,886.00	124,886.00	124,883.20	749,313.20	1,310,758.76									
5. Residential Building Efficiency	40,037.81	34,007.00	65,523.38	44,334.77	32,702.20	(17,851.03)	198,754.13	0.00	49,774.00	49,774.00	49,774.00	49,774.00	49,774.00	49,773.00	298,643.00	497,397.13									
6. Energy Select	406,494.64	409,731.31	358,419.19	651,491.25	566,482.67	419,163.90	2,811,782.96	0.00	483,777.00	483,777.00	483,777.00	483,777.00	483,777.00	483,774.56	2,902,659.56	5,714,442.52									
Commercial / Industrial Conservation Programs:																									
7. Commercial / Industrial Energy Audit	55,894.31	51,063.03	53,313.11	57,552.05	54,080.36	58,466.20	330,369.06	0.00	55,062.00	55,062.00	55,062.00	55,062.00	55,062.00	55,059.00	330,369.00	660,738.06									
8. HVAC Retrocommissioning	5,337.69	5,179.93	5,644.39	5,286.12	5,707.24	5,420.27	32,555.64	0.00	9,593.00	9,593.00	9,593.00	9,593.00	9,593.00	9,590.00	57,555.00	90,110.64									
9. Commercial Building Efficiency	37,771.30	35,154.92	28,698.35	31,684.26	32,108.70	9,169.57	174,567.10	0.00	36,295.00	36,295.00	36,295.00	36,295.00	36,295.00	36,296.00	217,771.00	392,358.10									
10. Commercial / Industrial Custom Incentive	4,639.90	4,451.74	4,932.32	4,535.42	4,983.76	4,628.03	28,171.17	0.00	8,862.00	8,862.00	8,862.00	8,862.00	8,862.00	8,861.00	53,171.00	81,342.17									
11. Residential Time of Use Rate Pilot	2,231.83	2,040.73	10,749.27	1,986.48	4,109.22	2,036.66	23,154.19	0.00	3,859.00	3,859.00	3,859.00	3,859.00	3,859.00	3,859.00	23,154.00	46,308.19									
12. Conservation Demonstration and Development:																									
a. Tesla Powerwall Demand Response	558.78	2,222.15	596.20	541.76	565.29	559.46	5,043.64	0.00	2,457.00	2,457.00	2,457.00	2,457.00	2,457.00	2,456.00	14,741.00	29,482.18									
b. Tesla Powerwall Demand Photovoltaic	1,873.12	3,931.15	(1,129.13)	541.76	601.17	543.41	6,361.48	0.00	6,361.48	6,361.48	6,361.48	6,361.48	6,361.48	6,361.48	39,968.80	46,332.81									
c. Domestic Hot Water Analysis	573.72	515.69	596.19	541.76	565.29	543.41	3,336.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
d.	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									
e.	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									
13. Critical Peak Option	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85,198.00	85,198.00	85,198.00	85,198.00	85,198.00	85,197.00	511,187.00	511,187.00									
14. Total All Programs	839,550.40	863,996.62	859,129.60	1,078,961.74	1,020,762.20	788,459.30	5,450,859.86	0.00	1,137,560.00	1,137,560.00	1,137,560.00	1,137,560.00	1,137,560.00	1,137,542.31	6,825,342.31	12,276,202.17									
15. 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									
16. Net Recoverable Expenses	839,550.40	863,996.62	859,129.60	1,078,961.74	1,020,762.20	788,459.30	5,450,859.86	0.00	1,137,560.00	1,137,560.00	1,137,560.00	1,137,560.00	1,137,560.00	1,137,542.31	6,825,342.31	12,276,202.17									

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
ESTIMATED TRUE-UP

For the Period: January, 2017 through December, 2017

Conservation Revenues	ACTUAL JAN	ACTUAL FEB	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ACTUAL JUNE	ESTIMATED 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	<u>1,039,507.52</u>	<u>918,715.46</u>	<u>1,087,080.00</u>	<u>1,089,569.55</u>	<u>1,385,178.41</u>	<u>1,438,808.76</u>	<u>1,802,087.41</u>	<u>1,780,501.14</u>	<u>1,547,472.05</u>	<u>1,269,052.15</u>	<u>1,119,753.72</u>	<u>1,255,403.95</u>	<u>15,733,130.11</u>
3. Total Revenues	1,039,507.52	918,715.46	1,087,080.00	1,089,569.55	1,385,178.41	1,438,808.76	1,802,087.41	1,780,501.14	1,547,472.05	1,269,052.15	1,119,753.72	1,255,403.95	15,733,130.11
4. Adjustment not Applicable to Period - Prior True Up	<u>(276,115.00)</u>	<u>(276,117.00)</u>	<u>(276,117.00)</u>	<u>(276,117.00)</u>	<u>(276,117.00)</u>	<u>(276,117.00)</u>	<u>(276,117.00)</u>	<u>(276,117.00)</u>	<u>(276,117.00)</u>	<u>(276,117.00)</u>	<u>(276,117.00)</u>	<u>(276,117.00)</u>	<u>(3,313,402.00)</u>
5. Conservation Revenues Applicable to Period	763,392.52	642,598.46	810,963.00	813,452.55	1,109,061.41	1,162,691.76	1,525,970.41	1,504,384.14	1,271,355.05	992,935.15	843,636.72	979,286.95	12,419,728.11
6. Conservation Expenses (Form C-3 Page 2 of 7)	<u>839,550.40</u>	<u>863,996.62</u>	<u>859,129.60</u>	<u>1,078,961.74</u>	<u>1,020,762.20</u>	<u>788,459.30</u>	<u>1,137,560.00</u>	<u>1,137,560.00</u>	<u>1,137,560.00</u>	<u>1,137,560.00</u>	<u>1,137,560.00</u>	<u>1,137,542.31</u>	<u>12,276,202.17</u>
7. True Up this Period (Line 5 minus Line 6)	(76,157.88)	(221,398.16)	(48,166.60)	(265,509.19)	88,299.21	374,232.46	388,410.41	366,824.14	133,795.05	(144,624.85)	(293,923.28)	(156,255.36)	143,525.94
8. Interest Provision this Period (C-3 Page 4 of 7, Line 10)	(2,119.33)	(1,931.20)	(2,119.31)	(2,326.54)	(2,199.80)	(2,039.88)	(1,580.66)	(993.72)	(520.83)	(277.67)	(226.76)	(181.94)	(16,517.64)
9. True Up & Interest Provision Beginning of Month	(3,583,812.66)	(3,385,974.87)	(3,333,187.23)	(3,107,356.14)	(3,099,074.87)	(2,736,858.46)	(2,088,548.88)	(1,425,602.13)	(783,654.71)	(374,263.49)	(243,049.01)	(261,082.05)	(3,583,812.66)
10. Prior True Up Collected or Refunded	<u>276,115.00</u>	<u>276,117.00</u>	<u>276,117.00</u>	<u>276,117.00</u>	<u>276,117.00</u>	<u>276,117.00</u>	<u>276,117.00</u>	<u>276,117.00</u>	<u>276,117.00</u>	<u>276,117.00</u>	<u>276,117.00</u>	<u>276,117.00</u>	<u>3,313,402.00</u>
11. End of Period- Net True Up	<u>(3,385,974.87)</u>	<u>(3,333,187.23)</u>	<u>(3,107,356.14)</u>	<u>(3,099,074.87)</u>	<u>(2,736,858.46)</u>	<u>(2,088,548.88)</u>	<u>(1,425,602.13)</u>	<u>(783,654.71)</u>	<u>(374,263.49)</u>	<u>(243,049.01)</u>	<u>(261,082.05)</u>	<u>(143,402.36)</u>	<u>(143,402.36)</u>

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
INTEREST CALCULATION

For the Period: January, 2017 through December, 2017

Interest Provision	ACTUAL JAN	ACTUAL FEB	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ACTUAL JUNE	ESTIMATED JULY	ESTIMATED AUGUST	ESTIMATED SEPTEMBER	ESTIMATED OCTOBER	ESTIMATED NOVEMBER	ESTIMATED DECEMBER	TOTAL
1. Beginning True up Amount	(3,583,812.66)	(3,385,974.87)	(3,333,187.23)	(3,107,356.14)	(3,099,074.87)	(2,736,858.46)	(2,088,548.88)	(1,425,602.13)	(783,654.71)	(374,263.49)	(243,049.01)	(261,082.05)	
2. Ending True up before Interest	(3,383,855.54)	(3,331,256.03)	(3,105,238.83)	(3,096,748.33)	(2,734,658.66)	(2,086,509.00)	(1,424,021.47)	(782,660.99)	(373,742.66)	(242,771.34)	(260,855.29)	(143,220.42)	
3. Total Beginning & Ending Balances	(6,967,668.20)	(6,717,230.90)	(6,438,424.06)	(6,204,104.47)	(5,833,733.53)	(4,823,367.46)	(3,512,570.35)	(2,208,263.12)	(1,157,397.38)	(617,034.84)	(503,904.31)	(404,302.47)	
4. Average True up Amount	(3,483,834.10)	(3,358,615.45)	(3,219,212.03)	(3,102,052.24)	(2,916,866.77)	(2,411,683.73)	(1,756,285.17)	(1,104,131.56)	(578,698.69)	(308,517.42)	(251,952.15)	(202,151.24)	
5. Interest Rate First Day Reporting Business Month	0.72	0.74	0.64	0.94	0.86	0.95	1.08	1.08	1.08	1.08	1.08	1.08	1.08
6. Interest Rate First Day Subsequent Business Month	0.74	0.64	0.94	0.86	0.95	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08
7. Total of Lines 5 and 6	1.46	1.38	1.58	1.80	1.81	2.03	2.16	2.16	2.16	2.16	2.16	2.16	2.16
8. Average Interest rate (50% of Line 7)	0.730	0.690	0.790	0.900	0.905	1.015	1.080	1.080	1.080	1.080	1.080	1.080	1.080
9. Monthly Average Interest Rate Line 8 / 12 months	0.000608	0.000575	0.000658	0.000750	0.000754	0.000846	0.000900	0.000900	0.000900	0.000900	0.000900	0.000900	0.000900
10. Interest Provision (line 4 X 9)	(2,119.33)	(1,931.20)	(2,119.31)	(2,326.54)	(2,199.80)	(2,039.88)	(1,580.66)	(983.72)	(520.83)	(277.67)	(226.76)	(181.94)	(16,517.64)

GULF POWER COMPANY
 ENERGY CONSERVATION CLAUSE
 SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
 ENERGY SELECT

For the Period January, 2017 Through December, 2017

Line No.	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1	Investments Added to Plant in Service	86,808.76	87,539.11	100,201.78	278,547.13	54,241.58	59,630.77	134,627.42	134,821.83	135,016.24	135,210.65	135,405.06	135,599.47	
2	Depreciable Base	14,798,109.54	14,972,457.41	15,072,659.19	15,351,206.32	15,405,447.90	15,465,078.67	15,599,706.09	15,734,527.92	15,869,544.16	16,004,754.81	16,140,159.87	16,275,759.33	
3	Depreciation Expense (A)	34,035.65	34,235.31	34,436.65	34,667.12	35,307.77	35,432.53	35,569.68	35,879.32	36,189.41	36,499.95	36,810.94	37,122.37	426,186.70
4	Cumulative Plant in Service Additions	14,864,918.30	14,972,457.41	15,072,659.19	15,351,206.32	15,405,447.90	15,465,078.67	15,599,706.09	15,734,527.92	15,869,544.16	16,004,754.81	16,140,159.87	16,275,759.33	
5	Salvage, Cost of Removal and Retirement	(6,271.03)	(1,924.73)	19,410.48	(13,181.62)	(3,340.19)	10,600.14	-	-	-	-	-	-	
6	Less: Accumulated Depreciation	(8,098,295.91)	(8,070,531.29)	(8,038,220.71)	(7,984,373.56)	(7,962,888.08)	(7,930,920.50)	(7,849,318.15)	(7,813,438.83)	(7,777,249.42)	(7,740,749.47)	(7,703,938.53)	(7,666,816.16)	
7	Net Plant in Service (Line 4 - 6)	22,965,449.59	23,010,678.12	23,057,032.77	23,314,084.40	23,336,368.40	23,349,966.50	23,449,024.24	23,547,966.75	23,646,793.58	23,745,504.28	23,844,098.40	23,942,575.49	
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	
10	Inventory	581,105.07	570,634.43	550,014.60	434,326.65	418,085.95	490,262.48	405,466.69	606,797.01	547,211.33	671,905.65	612,319.97	678,024.29	
11	Net Investment	23,477,510.52	23,526,084.02	23,560,692.72	23,537,043.66	23,748,421.05	23,754,454.35	23,854,490.93	24,154,763.76	24,194,004.91	24,417,409.93	24,456,418.37	24,620,599.78	
12	Average Net Investment	23,501,797.27	23,543,388.37	23,548,888.19	23,642,732.36	23,751,437.70	23,797,341.67	23,847,359.96	24,004,627.35	24,174,384.34	24,305,707.42	24,436,914.15	24,538,509.07	
13	Rate of Return / 12 (B)	0.006661	0.006661	0.006661	0.007012	0.007012	0.007012	0.007012	0.007012	0.007012	0.007012	0.007012	0.007012	
14	Return Requirement on Average Net Investment	156,545.47	156,822.51	156,859.01	165,782.84	166,545.08	166,866.96	167,217.69	168,320.45	169,510.78	170,431.62	171,351.64	172,064.03	1,988,318.08
15	Property Tax	11,305.60	11,305.60	11,305.60	11,305.60	11,305.60	11,305.60	11,305.60	11,305.60	11,305.60	11,305.60	11,305.60	11,305.60	135,667.20
16	Total Depreciation, Prop Taxes & Return (Line 3 + 14 + 15)	201,886.72	202,363.42	202,601.26	211,755.56	213,158.45	213,605.09	214,092.97	215,505.37	217,005.79	218,237.17	219,468.18	220,492.00	2,550,171.98

Notes:

(A) Energy Select Property Additions Depreciated at 2.7 % per year.

(B) Revenue Requirement Return (includes Income Taxes) is: Jan - Mar 7.9932%; Apr - Jun 8.4144%; Jul - Dec 8.4144%.

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GULF POWER COMPANY
CALCULATION OF CONSERVATION REVENUES
For the Period: July, 2017 Through December, 2017

	<u>Month</u>	<u>Projected MWH Sales</u>	<u>Rate (Avg Cents/KWH)</u>	<u>Clause Revenue Net of Revenue Taxes (\$)</u>
1.	07/2017	1,172,314	0.15372054	1,802,087.41
2.	08/2017	1,159,478	0.15356058	1,780,501.14
3.	09/2017	1,009,470	0.15329550	1,547,472.05
4.	10/2017	832,041	0.15252279	1,269,052.15
5.	11/2017	734,927	0.15236258	1,119,753.72
6.	12/2017	819,293	0.15323016	1,255,403.95

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 \$2,014,402 are projected for this program in 2018 as detailed in Schedule C-2. In 2018, this program includes two measurable areas of focus:

- Energy Audit – During the recovery period, 8,400 participants are projected as reflected in the 2015 DSM Plan. 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 5,000 students will be reached.

Program Accomplishments:

- Energy Audit – Year to date 2017, Gulf performed 3,152 energy audits compared to a year to date projection of 4,200 or 1,048 under the projection. Of these, 662 were online, 495 were on-site and 1,995 were new construction audits. The total projection for 2017 is 6,300 energy audits.
- School-based Awareness and Education
 - Gulf provided professional development in energy-related science and math for 56 elementary, middle and high school teachers who reach an estimated 2,720 students daily. These teachers received continuing education credits as well as hands-on energy, efficiency and renewable energy classroom materials and curriculum.
 - Gulf provided workshops, materials and/or instructors for student summer and afterschool camps in STEM (Science Technology Engineering Math) in partnerships that reached 820 students:

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- FSU Panama City STEM Institute's Summer Camp program that reached approximately 300 eighth through tenth grade students in Bay County;
 - Bay County School District Twenty first Century Community Learning Center initiative that reached 240 fourth, fifth and sixth grade students;
 - Northwest Florida State College Kids on Campus summer program reached 210 third through eighth grade students;
 - Florida Panhandle Technical College and Washington County School District afterschool STEM program that reached 100 fifth through 8th grade students.
- Gulf coordinated monthly activities with student energy teams at six schools, measuring energy use at the school and creating a plan to use energy wisely at school and home. Total student reach is 180 students directly.
 - Gulf continued to provide classroom demonstrations and hands-on energy-related activities in schools on a monthly basis reaching nearly 500 students. Also, 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.

Total direct reach was 4,250 students and 62 teachers.

Program Fiscal Expenditures: Projected expenses for January through June 2017 were \$1,187,256 compared to actual expenses of \$910,470 resulting in a difference of \$276,786 or 23% under budget.

Program Progress Summary: Since the approval of this program, Gulf Power has performed a total of 232,643 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 2018 through December 2018, the Company expects to implement the efficiency measures included in this program for 2,500 eligible residential customers as reflected in the 2015 DSM Plan. Expenses of \$841,845 are projected for this program in 2018 as detailed in Schedule C-2.

Program Accomplishments: Through June 2017, 1,218 of Gulf's customers received the measures included in this program, compared to a year to date projection of 1,250. The total projection for 2017 is 2,500 participants.

Program Fiscal Expenditures: Projected expenses for January through June 2017 were \$427,282 compared to actual expenses of \$333,030 resulting in a difference of \$94,252 or 22% under budget.

Program Progress Summary: A total of 16,223 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: Residential 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 maintenance and quality installation, high performance windows, reflective roofing and Energy Star window A/Cs. 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.

Program Projections: Due to the custom nature of this program, specific participant projections are not made for the period January 2018 through December 2018. Expenses of \$146,267 are projected for this program in 2018 as detailed in Schedule C-2.

Program Accomplishments: As of June, no participants have enrolled during 2017 in this program. While there are no participants recorded this year, Gulf continues to promote the availability of this program to landlords and property managers in the rental property sector. While participation in this program to date has been low, discussions with landlords and property managers have often resulted in these customers taking advantage of other DSM program offerings such as Gulf's HVAC Efficiency program.

Program Fiscal Expenditures: Projected expenses for January through June 2017 were \$62,984 compared to actual expenses of \$31,799 resulting in a difference of \$31,185 or 50% under budget.

Program Progress Summary: Since its launch in 2011, one customer enrollment has been recorded in the Residential 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

Program Projections: Expenses of \$1,587,691 are projected for this program in 2018 as detailed in Schedule C-2. For the period January 2018 through December 2018, the Company projects the following participation in this program as reflected in the 2015 DSM Plan:

Measure	Projected Participation
HVAC maintenance	3,200
Duct repair	500
HVAC Quality Installation	2,500

Program Accomplishments: Actual participation (through June 2017) and the 2017 year end projected participation are shown in the following table:

Measure	2017 YTD Actual Participation	2017 Year End Projection
HVAC maintenance	2,028	3,000
Duct repair	357	500
HVAC Quality Installation	351	875

Program Fiscal Expenditures: Projected expenses for January through June 2017 were \$709,201 compared to actual expenses of \$561,446 resulting in a difference of \$147,755 or 21% under budget.

Program Progress Summary: Since its launch in 2011, the following participation has been achieved:

Measure	Program to Date Actual Participation
HVAC maintenance	38,543
Duct repair	21,720
HVAC Quality Installation	918

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 \$647,645 are projected for this program in 2018 as detailed in Schedule C-2. For the period January 2018 through December 2018, the Company projects the following participation in this program as reflected in the 2015 DSM Plan:

Measure	Projected Participation
High Performance Windows	500
Reflective Roof	250
ENERGY STAR Window A/C	200

Program Accomplishments: Actual participation (through June 2017) and the 2017 year end projected participation are shown in the following table:

Measure	2017 YTD Actual Participation	2017 Year End Projection
High Performance Windows	172	340
Reflective Roof	120	240
ENERGY STAR Window A/C	2	10

Program Fiscal Expenditures: Projected expenses for January through June 2017 were \$281,048 compared to actual expenses of \$198,754 resulting in a difference of \$82,294 or 29% under budget.

Program Progress Summary: Since its launch in 2011, the following participation has been achieved:

Measure	Program to Date Actual Participation
High Performance Windows	4,886
Reflective Roof	1,518
ENERGY STAR Window A/C	816

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 2018 projection period, Gulf Power projects to have 1,600 net additions as reflected in the 2015 DSM Plan. The program expenses are expected to be \$7,066,090 as detailed in Schedule C-2.

Program Accomplishments: For the period January through June 2017, 637 net new participants were added to the Energy *Select* program compared to a year to date projection of 800. The total projection for 2017 is 1,600 net new participants.

Program Fiscal Expenditures: Projected expenses for January through June 2017 were \$3,175,072 compared to actual expenses of \$2,811,783 resulting in a difference of \$363,289 or 11% under budget.

Program Progress Summary: As of June 2017, there are 18,357 participating customers.

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 an on-line survey. A more comprehensive analysis can be provided by conducting a Technical Assistance Audit (TAA).

Program Projections: For the period January 2018 through December 2018, the Company expects to conduct 500 audits as reflected in the 2015 DSM Plan and incur expenses totaling \$771,820.

Program Accomplishments: During the January 2017 through June 2017 period, actual results were 131 audits compared to a year to date projection of 250. The total projection for 2017 is 260 audits.

Program Fiscal Expenditures: Projected expenses for January through June 2017 were \$432,559 compared to actual expenses of \$330,369 resulting in a difference of \$102,190 or 24% under budget.

Program Progress Summary: A total of 22,845 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 2018 through December 2018, the Company expects 250 program participants as reflected in the 2015 DSM Plan. Expenses of \$116,304 are projected for this program in 2018 as detailed in Schedule C-2.

Program Accomplishments: During the period January 2017 through June 2017, 96 customers have participated in this program compared to a year to date projection of 125. The total projection for 2017 is 250 participants.

Program Fiscal Expenditures: Projected expenses for January through June 2017 were \$59,231 compared to actual expenses of \$32,556 resulting in a difference of \$26,675 or 45% under budget.

Program Progress Summary: Since its launch in 2011, 1,108 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.

Program Projections: Expenses of \$558,407 are projected for this program in 2018 as detailed in Schedule C-2.

For the period January 2018 through December 2018, the Company expects to implement the efficiency measures included in this program as reflected in the 2015 DSM Plan:

Program	Annual Projections (2018)
Commercial Geothermal Heat Pump	140 tons of installed Geothermal HVAC
Ceiling/Roof Insulation	300,000 square feet of installed insulation
Commercial Reflective Roof	800,000 square feet of installed reflective roof

Program Accomplishments: During the period January – June 2017, the measures in this program have had the following participation as compared to year to date projected participation:

Program	Actual Participation (January - June 2017)	Projected YTD Participation (through June 2017)
Commercial Geothermal Heat Pump	0 tons of installed Geothermal HVAC	65 tons of installed Geothermal HVAC
Ceiling/Roof Insulation	16,660 square feet of installed insulation	137,500 square feet of installed insulation
Commercial Reflective Roof	26,606 square feet of installed reflective roof	400,000 square feet of installed reflective roof

Total projection for 2017 is as follows:

Program	Annual Projections (2017)
Commercial Geothermal Heat Pump	20 tons of installed Geothermal HVAC
Ceiling/Roof Insulation	32,000 square feet of installed insulation
Commercial Reflective Roof	52,000 square feet of installed reflective roof

Program Fiscal Expenditures: Projected expenses for January through June 2017 were \$324,490 compared to actual expenses of \$174,587 resulting in a difference of \$149,903 or 46% under budget.

Program Progress Summary: Since its launch in 2011, customer participation is shown in the table below.

Program	Actual Participation (Program to Date)
Commercial Geothermal Heat Pump	578 tons of installed Geothermal HVAC
Ceiling/Roof Insulation	364,918 square feet of installed insulation
Commercial Reflective Roof	3,300,960 square feet of installed reflective roof

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 2018 through December 2018, the Company expects at the meter reductions of 200,000 kWh, 65 winter kW and 65 summer kW resulting from this program as reflected in the 2015 DSM Plan. Expenses of \$169,115 are projected for this program in 2018 as detailed in Schedule C-2.

Program Accomplishments: From January 2017 through June 2017, Gulf has evaluated several projects for potential inclusion in this program. Through June, no savings have been reported in the program. Gulf projects 1,700,000 kWh (energy), 600 winter kW (demand) and 600 summer kW (demand) to be reported in the program by the end of 2017.

Program Fiscal Expenditures: Projected expenses for January through June 2017 were \$67,972 compared to actual expenses of \$28,171 resulting in a difference of \$39,801 or 59% 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 reductions of 7,070,333 kWh (energy), 741 winter kW (demand) and 1,151 summer kW (demand).

Program Description and Progress

Program Title: Critical Peak Option (CPO)

Program Description: This program offers customers on Gulf Power's Large Power Time of Use (LPT) rate schedule an option to receive credits for capacity that can be reduced during peak load conditions (critical peak events). The program provides a fixed, per KW credit for measured On-Peak Demand and a Critical Peak Demand Charge for any measured demand recorded during a called critical peak event.

Program Projections: For the period January 2018 through December 2018, the Company expects 24 program participants. Expenses of \$275,226 are projected for this program in 2018 as detailed in Schedule C-2.

Program Accomplishments: This program began July 1, 2017 thus no participants are recorded for the period January through June 2017. The total projection for 2017 is 25 participants.

Program Fiscal Expenditures: There were no program expenditures January through June 2017.

Program Progress Summary: This program became a part of Gulf's DSM Plan effective July 1, 2017 pursuant to Gulf's Stipulation and Settlement Agreement approved by the Commission in Order No. PSC-17-0178-S-EI dated May 16, 2017.

Program Description and Progress

Program Title: Residential Service Time of Use Pilot Program

Program Description: The Residential Service Time of Use (RSTOU) rate pilot provides 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 is limited to a maximum of 400 residential customers who meet the program standards. In order to further encourage customers to utilize a qualifying Wi-Fi enabled thermostat, the RSTOU pilot offers customers a per event credit for allowing their thermostat to automatically adjust the HVAC equipment settings 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 have an opportunity for additional savings by shifting energy purchases to the lower priced periods, while providing peak demand reduction during the high and critical periods.

Program Projections: Expenses of \$67,250 are projected for this program in 2018 as detailed in Schedule C-2.

Program Accomplishments: As of June 2017, there are 330 customers participating in this program. This program was projected to start in the fall of 2015, however, due to program development delays, the program launch was shifted to February 2016.

Program Fiscal Expenditures: Projected expenses for January through June 2017 were \$33,626 compared to actual expenses of \$23,154 resulting in a difference of \$10,472 or 31% under budget.

Program Progress Summary: Since its launch in February 2016, 330 customers have participated in this 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:

Tesla Powerwall Demand Response (DR)

Modern-day battery storage provided by Tesla may be able to improve the effectiveness of current “Demand Response” programs. Demand response not only refers to *load shedding* but now also includes *load shifting*.

The Powerwall DR CDD Project evaluates the impact of:

1. *Load Shifting:* Battery storage’s ability to maximize the impact of TOU rates by charging during off-peak/low periods and discharging during on-peak/medium-high periods
2. *Peak Reduction:* Battery storage’s ability to be dispatched at specific times (critical peak events) to supplement the demand response capability of Energy Select.

Data monitoring will be used to assess the impact of battery storage in terms of performance, reliability, economic return on investment, from the perspective of the customer and the utility.

Tesla’s daily cycle 6.4kWh Powerwall will be interconnected to a SolarEdge StorEdge inverter and existing Energy Select equipment. TOU times and critical peak dispatches will be accessed through the inverter’s internal controls. Third parties have been contracted to install the equipment, monitor the various outputs of the system, compile the data for further analysis and provide a final report on the project by year-end 2017.

Tesla Powerwall Demand Photovoltaic (PV)

Modern-day battery storage provided by Tesla may be able to overcome two of the typical shortcomings of grid-tied solar photovoltaics: the limited “daytime” periods of generation and the intermittency of output (due to shade or cloud cover).

The Powerwall PV CDD Project evaluates the impact of:

1. *Solar Shifting*: Battery storage's impact on peak demand by charging during the normal PV generation period and discharging during on-peak/medium-high periods.
2. *Solar Smoothing*: Battery storage's ability to stabilize the PV output during adverse weather conditions / cloud cover or shading caused by obstructions.

Data monitoring will be used to assess the impact of battery storage in terms of performance, reliability, economic return on investment, from the perspective of the customer and the utility.

Tesla's daily cycle 6.4kWh Powerwall will be interconnected to a SolarEdge StorEdge inverter and a retrofitted/existing 5kW photovoltaic installation. Charge and discharge time periods will be programmed within the inverter's internal controls. Third parties have been contracted to install the equipment, monitor the various outputs of the system, compile the data for further analysis and provide a final report on the project by year-end 2017.

Domestic Hot Water Analysis

This project aims to address an underserved area of the heat pump water heating market: small commercial buildings. Specific focus will be paid to the food service industry due to their potential for large domestic hot water usage. These building types are too small and cannot handle the capital intensity of large, engineered heat pump water heating systems; and it is unknown if their usage patterns could be supported by an integrated, residential-sized heat pump water heater. Thus, this project's objectives are as follows:

- Identify customers for participation in this study: Fast food, sandwich shops, cafeteria-style eateries, convenience stores, small laundries, and salons
- Obtain permission from each site owner to install monitoring systems.
- Collect number of and type of hot water end uses at each site.
- Install field monitoring on 20 small commercial building types .
- Collect up to two months of hot water usage data at each site.
- Analyze the collected data to develop usage patterns for each site.
- Produce a final report including recommendations to manufacturers on optimal approaches to the small commercial heat pump water heater market.

Collected data will be used to produce daily water consumption load shapes for each site type. This data will then be analyzed to make recommendations on ideal heat pump water heater technology needs to serve this market. The data will be shared with interested manufacturers to inform their product development planning processes with the intention of influencing the production of applicable heat pump water heaters for the small commercial market.

Eaton Smart Breaker Test

This test will evaluate the potential demand limiting or reduction capabilities and techniques of Eaton's "smart circuit breaker" which has remote control and advanced metering built into the circuit breaker. A secondary goal is to identify use cases that will improve energy efficiency in a connected home environment.

The research data from this project will provide information on how to design a program within the connected home space. These devices will potentially be coupled with other platforms to enhance demand response and energy efficiency controls.

Program Fiscal Expenditures: Program expenses were forecasted at \$123,512 for the period January through June 2017 compared to actual expenses of \$14,741 for a deviation of \$108,771 or 88% under budget. Actual project expenses were as follows: Tesla Powerwall Demand Response, \$5,044; Tesla Powerwall Demand Photovoltaic, \$6,361; Domestic Hot Water Analysis, \$3,336.

RESIDENTIAL SERVICE
2018 Variable Pricing (RSVP) and
Time of Use (RSTOU) Rates
Cents Per KWH

ECCR

<u>Rate Tier</u>	<u>RSVP</u>
P4	68.008
P3	7.772
P2	(0.952)
P1	(3.000)

<u>Rate Tier</u>	<u>RSTOU</u>
On-Peak	17.250
Off-Peak	(3.205)



Section No. VI
~~First~~Second Revised Sheet No. 6.98
Canceling ~~Original~~First Sheet No.
6.98

**Rate Schedule RSTOU
RESIDENTIAL SERVICE – TIME-OF-USE
Limited Availability Experimental Rate**

PAGE 1 of 3	EFFECTIVE DATE July 1, 2017
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AVAILABILITY:

Available to customers eligible for Rate Schedule RS (Residential Service). Availability is further limited to those customers selected by Gulf Power which are willing to participate in, and which meet the standards of the Company's RSTOU pilot rate study.

Service under this rate schedule shall terminate on December 31, ~~2017~~2020 unless extended by order of the Florida Public Service Commission.

APPLICABILITY:

Applicable as an alternative to Rate Schedule RS for service used for domestic purposes and electric vehicle charging at an individually metered dwelling unit suitable for year-round family occupancy containing full kitchen facilities. Service provided hereunder shall not be shared with or resold to others.

CHARACTER OF SERVICE:

Available for single-phase service from local distribution lines of the Company's system at nominal secondary voltage of 120/240 volts. Service shall be metered through one metering device capable of measuring electrical consumption during the various times each energy-demand charge is in effect.

RATES:

Base Charge:	65¢ per day
Energy-Demand Charge:	
On-Peak Period	5.181¢ per kWh
Off-Peak Period	5.181¢ per kWh

ISSUED BY: S. W. Connally, Jr.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170002-EG EXHIBIT: 15
PARTY: GULF POWER COMPANY (Direct)
DESCRIPTION: John N. Floyd JNF-3

TAMPA ELECTRIC COMPANY
SCHEDULES SUPPORTING CONSERVATION
COST RECOVERY FACTOR
ACTUAL
JANUARY 2015 - DECEMBER 2015

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170002-EG EXHIBIT: 16
PARTY: TAMPA ELECTRIC COMPANY
(Direct)
DESCRIPTION: Mark R. Roche MRR-1

CONSERVATION COST RECOVERY

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TAMPA ELECTRIC COMPANY
Energy Conservation
Adjusted Net True-up
For Months January 2016 through December 2016

End of Period True-up

Principal	-\$791,839	
Interest	\$2,581	
Total		-\$789,258

Less: Projected True-up

(Last Projected Conservation Hearing)

Principal	-\$1,603,962	
Interest	\$641	
Total		-\$1,603,321

Adjusted Net True-up \$814,064

CT-2
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TAMPA ELECTRIC COMPANY
 Analysis of Energy Conservation Program Costs
 Actual vs. Projected
 For Months January 2016 through December 2016

Description	Actual	Projected	Difference
1 Capital Investment	\$1,568,981	\$1,593,887	(\$24,906)
2 Payroll	\$3,407,225	\$3,631,368	(\$224,144)
3 Materials and Supplies	\$42,187	\$48,768	(\$6,581)
4 Outside Services	\$6,719,276	\$5,376,030	\$1,343,246
5 Advertising	\$923,316	\$972,295	(\$48,979)
6 Incentives	\$23,946,638	\$25,688,010	(\$1,741,372)
7 Vehicles	\$395,326	\$335,980	\$59,346
8 Other	\$398,224	\$411,907	(\$13,683)
9 Subtotal	\$37,401,173	\$38,058,245	(\$657,073)
10 Less: Renewable Revenues	(\$159,025)	(\$301,382)	\$142,357
11 Total Program Costs	\$37,242,148	\$37,756,863	(\$514,716)
12 Adjustments: Less Renewable Expenses	\$69,917	\$4,376	\$65,541
13 Beginning of Period True-up Overrecovery	(\$4,056,772)	(\$4,056,772)	\$0
14 Amounts included in Base Rates	\$0	\$0	\$0
15 Conservation Adjustment Revenues	(\$32,463,454)	(\$32,100,505)	(\$362,949)
16 True-up Before Interest	(\$791,839)	(\$1,603,962)	\$812,124
17 Interest Provision	\$2,581	\$641	\$1,940
18 End of Period True-up	(\$789,258)	(\$1,603,321)	\$814,064

TAMPA ELECTRIC COMPANY
Actual Conservation Program Costs per Program
For Months January 2016 through December 2016

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues	Total
12000353- Energy Audits	0	1,193,691	5,883	167,487	707,103	0	270,143	53,912	0	2,398,219
12000381 Residential Ceiling Insulation	0	70,359	890	2,602	0	277,567	3,610	2,028	0	357,056
12000391 Residential Duct Repair	0	37,195	684	2,548	0	216,094	8,084	11,863	0	276,468
12000419 Residential Electronically Commutated Motors	0	0	0	0	0	0	0	0	0	0
12000375 Energy Education, Awareness and Agency Outrea	0	37,455	203	9,129	0	0	791	9,503	0	57,081
12000431 Energy Star for New Homes	0	21,515	0	2,447	2,549	389,550	441	5,657	0	422,159
12000349 Residential Heating and Cooling	0	77,143.00	-	17,066.00	-	502,270.00	379.00	4,971.00	0	601,829
12000425 Neighborhood Weatherization	0	98,933	263	941,993	0	2,040,515	5,870	3,283	0	3,090,857
12000433 Energy Planner	1,555,967	762,568	6,122	493,723	208,427	0	77,864	163,303	0	3,267,974
12000365 Residential Wall Insulation	0	1,307	0	0	0	328	0	0	0	1,635
12000367 Residential Window Replacement	0	70,325	0	9,936	0	462,811	332	2	0	543,406
12000421 Residential HVAC Re-Commissioning	0	0	0	0	0	0	0	0	0	0
12000373 Residential Window Film	0	0	0	0	0	431	0	0	0	431
12000351 Prime Time	0	159,629.61	12,153.00	1,045,107.00	-	413,238.00	11,889.00	39,779.00	0	1,681,796
12000397 Commercial Ceiling Insulation	0	6,282	0	24	0	33,120	15	0	0	39,441
12000411 Commercial Chiller	0	878	0	12	0	12,447	0	0	0	13,337
12000371 Cogeneration	0	71,371	0	0	0	0	626	0	0	71,997
12000389 Conservation Value	0	11,108	32	24	0	217,905	0	0	0	229,069
12000443 Cool Roof	0	23,250	0	512	0	250,798	203	618	0	275,381
12000429 Commercial Cooling	0	5,023	0	119	0	1,323	11	612	0	7,088
12000409 Demand Response	0	17,107	0	3,672,000	0	0	707	2,091	0	3,691,905
12000377 Commercial Duct Repair	0	8,649	0	71	0	18,600	0	0	0	27,320
12000441 Commercial ECM	0	3,661	0	190	0	17,368	0	42	0	21,261
12000379 Industrial Load Management (GLSM 2&3)	13,014	17,636	14,750	2,699	0	15,804,199	6,553	4,894	0	15,863,745
12000385 Lighting Conditioned Space	0	55,740	231	3,266	0	282,741	1,762	1,496	0	345,236
12003201 Lighting Non-Conditioned Space	0	9,767	0	0	0	51,545	354	222	0	61,888
12000413 Lighting Occupancy Sensors	0	1,532	0	102	0	13,410	23	72	0	15,139
12000383 CILM (GLSM 1)	0	1,174	0	0	0	6,906	4,466	0	0	12,546
12000415 Refrigeration Anti-condensate Control	0	150	0	12	0	0	0	0	0	162
12000387 Standby Generator	0	30,126	159	261	0	2,917,872	88	368	0	2,948,874
12003202 Thermal Energy Storage	0	515	215	0	0	0	0	328	0	1,058
12000399 Commercial Wall Insulation	0	0	0	0	0	0	0	0	0	0
12000417 Commercial Water Heating	0	29	0	12	0	0	0	0	0	41
12000427 Conservation Research and Development	0	2,910	0	0	0	0	22	0	0	2,932
12000393 Renewable Energy Program	0	29,537	0	9,871	5,237	0	0	44,463	(159,025)	(69,917)
12000403- Renewable Energy Systems Initiative	0	15,401	0	6,355	0	8,000	27	4	0	29,787
12000445 Commercial ERV	0	0	0	0	0	0	0	0	0	0
12000437 Commercial Exit Signs	0	0	0	0	0	314	0	0	0	314
12000439 Commercial HVAC Re-commissioning	0	0	0	0	0	825	0	0	0	825
12000401 Commercial Motors	0	0	0	0	0	0	0	0	0	0
12000435 Commercial Roof Insulation	0	0	0	0	0	0	0	0	0	0
12000395 Commercial Window Film	0	60	0	12	0	6,461	0	0	0	6,533
12000347 Common Expenses	\$0	565,195.74	602.00	331,696.00	-	-	1,066.00	48,713.00	\$0	\$947,273
Total All Programs	\$1,568,981	\$3,407,225	\$42,187	\$6,719,276	\$923,316	\$23,946,638	\$395,326	\$398,224	(\$159,025)	\$37,242,148

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TAMPA ELECTRIC COMPANY
Conservation Program Costs per Program
Variance - Actual vs. Projected
For Months January 2016 through December 2016

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues	Total
12000353- Energy Audits	\$0	\$13,552	(\$1,083)	(\$26,015)	\$5,240	\$0	\$106,312	(\$2,799)	\$0	95,207
12000381 Residential Ceiling Insulation	\$0	\$1,858	\$85	\$0	\$0	\$17,782	(\$1,145)	(\$145)	\$0	18,435
12000391 Residential Duct Repair	\$0	(\$2,855)	\$162	\$0	\$0	(\$18,480)	\$3,392	\$174	\$0	(17,607)
12000419 Residential Electronically Commutated Motors	\$0	(\$12)	\$0	(\$105)	\$0	(\$460)	\$0	\$0	\$0	(577)
12000375 Energy Education, Awareness and Agency Outreach	\$0	(\$12,537)	(\$523)	(\$7,204)	\$0	\$0	(\$1,887)	\$3,600	\$0	(18,551)
12000431 Energy Star for New Homes	\$0	(\$3,177)	\$0	\$691	\$1,299	(\$77,375)	(\$179)	(\$2,137)	\$0	(80,878)
12000349 Residential Heating and Cooling	\$0	(\$3,304)	(\$120)	\$5,062	\$0	(\$40,905)	(\$267)	\$68	\$0	(39,466)
12000425 Neighborhood Weatherization	\$0	(\$99,538)	(\$687)	(\$140,791)	\$0	(\$492,096)	\$185	(\$1,100)	\$0	(734,027)
12000433 Energy Planner	(\$24,918)	(\$61,256)	\$877	(\$45,562)	(\$55,518)	\$0	(\$9,977)	(\$11,526)	\$0	(207,880)
12000365 Residential Wall Insulation	\$0	\$187	\$0	(\$47)	\$0	(\$743)	\$0	(\$10)	\$0	(613)
12000367 Residential Window Replacement	\$0	\$10,910	\$0	\$4,375	\$0	(\$51,436)	(\$242)	\$0	\$0	(36,393)
12000421 Residential HVAC Re-Commissioning	\$0	(\$2,603)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(2,603)
12000373 Residential Window Film	\$0	(\$7,021)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(7,021)
12000351 Prime Time	\$0	(\$30,269)	\$732	\$15,617	\$0	(\$7,996)	\$1,512	(\$355)	\$0	(20,759)
12000397 Commercial Ceiling Insulation	\$0	(\$555)	\$0	\$0	\$0	(\$2,601)	(\$285)	\$0	\$0	(3,441)
12000411 Commercial Chiller	\$0	(\$960)	\$0	\$0	\$0	(\$11,863)	(\$150)	(\$100)	\$0	(13,073)
12000371 Cogeneration	\$0	\$13,570	\$0	\$0	\$0	\$0	\$245	\$0	\$0	13,815
12000389 Conservation Value	\$0	(\$1,037)	\$32	(\$3,252)	\$0	\$18,302	(\$150)	\$0	\$0	13,895
12000443 Cool Roof	\$0	(\$5,603)	\$0	\$0	\$0	\$129,370	(\$214)	\$612	\$0	124,165
12000429 Commercial Cooling	\$0	(\$110)	(\$119)	\$119	\$0	(\$1,919)	(\$139)	(\$50)	\$0	(2,218)
12000409 Demand Response	\$0	(\$17,309)	\$0	\$1,836,000	\$0	(\$1,836,000)	(\$48)	\$543	\$0	(16,814)
12000377 Commercial Duct Repair	\$0	(\$2,960)	\$0	\$0	\$0	(\$5,400)	(\$240)	(\$300)	\$0	(8,900)
12000441 Commercial ECM	\$0	\$49	\$0	(\$500)	\$0	(\$612)	(\$50)	\$0	\$0	(1,113)
12000379 Industrial Load Management (GLSM 2&3)	\$12	\$1,593	\$0	\$0	\$0	\$692,169	(\$404)	\$0	\$0	693,370
12000385 Lighting Conditioned Space	\$0	(\$3,392)	\$16	\$0	\$0	\$53,983	\$564	(\$200)	\$0	50,971
12003201 Lighting Non-Conditioned Space	\$0	(\$5,191)	\$0	\$0	\$0	\$13,207	(\$145)	(\$100)	\$0	7,771
12000413 Lighting Occupancy Sensors	\$0	(\$1,183)	\$0	\$0	\$0	(\$8,240)	(\$150)	(\$50)	\$0	(9,623)
12000383 CILM (GLSM 1)	\$0	(\$6,887)	\$0	\$0	\$0	(\$24)	\$2,058	(\$5,000)	\$0	(9,853)
12000415 Refrigeration Anti-condensate Control	\$0	(\$93)	\$0	\$0	\$0	(\$1,500)	\$0	\$0	\$0	(1,593)
12000387 Standby Generator	\$0	(\$24,666)	\$48	\$0	\$0	(\$65,335)	(\$115)	\$0	\$0	(90,068)
12003202 Thermal Energy Storage	\$0	(\$4,792)	\$0	(\$540)	\$0	(\$40,000)	(\$250)	\$0	\$0	(45,582)
12000399 Commercial Wall Insulation	\$0	(\$164)	\$0	(\$12)	\$0	(\$2,000)	(\$50)	\$0	\$0	(2,226)
12000417 Commercial Water Heating	\$0	(\$164)	\$0	\$0	\$0	(\$1,200)	(\$25)	\$0	\$0	(1,389)
12000427 Conservation Research and Development	\$0	\$2,910	\$0	\$0	\$0	\$0	\$22	\$0	\$0	2,932
12000393 Renewable Energy Program	\$0	(\$1,284)	\$0	(\$204,117)	\$0	\$0	(\$2,580)	\$83	\$142,357	(65,541)
12000403- Renewable Energy Systems Initiative	\$0	\$1,693	\$0	\$0	\$0	\$0	\$0	\$0	\$0	1,693
12000445 Commercial ERV	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
12000437 Commercial Exit Signs	\$0	(\$325)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(325)
12000439 Commercial HVAC Re-commissioning	\$0	(\$1,221)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(1,221)
12000401 Commercial Motors	\$0	(\$29)	\$0	\$0	\$0	\$0	\$0	(\$612)	\$0	(641)
12000435 Commercial Roof Insulation	\$0	\$0	\$0	\$0	\$0	\$0	(\$36,288)	\$0	\$0	(36,288)
12000395 Commercial Window Film	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
12000347 Common Expenses	\$0	\$30,029	(\$6,001)	(\$90,473)	\$0	\$0	\$36	\$5,721	\$0	(\$60,688)
44 Total All Programs	(\$24,906)	(\$224,144)	(\$6,581)	\$1,343,246	(\$48,979)	(\$1,741,372)	\$59,346	(\$13,683)	\$142,357	(\$514,716)

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TAMPA ELECTRIC COMPANY
 Description for Accounts
 For Months January 2016 through December 2016

Internal Order	Program Name
12000359	Energy Audits
12000355	Energy Audits
12000357	Energy Audits
12000369	Energy Audits
12000363	Energy Audits
12000361	Energy Audits
12000381	Residential Ceiling Insulation
12000391	Residential Duct Repair
12000419	Residential Electronically Commutated Motors
12000375	Energy Education, Awareness and Agency Outreach
12000431	Energy Star for New Homes
12000349	Residential Heating and Cooling
12000425	Neighborhood Weatherization
12000433	Energy Planner
12000365	Residential Wall Insulation
12000367	Residential Window Replacement
12000421	Residential HVAC Re-Commissioning
12000373	Residential Window Film
12000351	Prime Time
12000397	Commercial Ceiling Insulation
12000411	Commercial Chiller
12000371	Cogeneration
12000389	Conservation Value
12000443	Cool Roof
12000429	Commercial Cooling
12000409	Demand Response
12000377	Commercial Duct Repair
12000441	Commercial ECM
12000379	Industrial Load Management (GSLM 2&3)
12000385	Lighting Conditioned Space
12003201	Lighting Non-Conditioned Space
12000413	Lighting Occupancy Sensors
12000383	CILM (GSLM 1)
12000415	Refrigeration Anti-condensate Control
12000387	Standby Generator
12003202	Thermal Energy Storage
12000399	Commercial Wall Insulation
12000417	Commercial Water Heating
12000427	Conservation Research and Development (R&D)
12000393	Renewable Energy Program
12000405	Renewable Energy Systems Initiative
12000405	Renewable Energy Systems Initiative
12000403	Renewable Energy Systems Initiative
12000407	Renewable Energy Systems Initiative
12000423	Renewable Energy Systems Initiative
12000445	Commercial ERV
12000437	Commercial Exit Signs
12000439	Commercial HVAC Re-Commissioning
12000401	Commercial Motors
12000435	Commercial Roof Insulation
12000395	Commercial Window Film
12000347	Common Expenses

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Summary of Expenses by Program by Month
For Months January 2016 through December 2016

Program Name	January	February	March	April	May	June	July	August	September	October	November	December	Total
12000353-12 Energy Audits	82,689	231,934	204,620	168,727	233,052	197,022	206,180	220,744	209,524	243,716	155,230	244,782	2,398,220
12000381 Residential Ceiling Insulation	31,791	17,020	20,770	24,658	24,889	33,097	33,266	46,223	37,410	31,786	29,657	26,489	357,056
12000391 Residential Duct Repair	14,086	33,457	14,935	15,948	18,234	46,933	21,045	17,059	21,749	20,801	24,051	28,170	276,468
12000419 Residential Electronically Commutated Motors	-	-	-	-	-	-	-	-	-	-	-	-	-
12000375 Energy Education, Awareness and Agency Outre	3,908	6,506	4,853	4,005	6,093	4,174	4,367	10,368	4,437	3,003	3,726	1,640	57,080
12000431 Energy Star for New Homes	49,381	15,423	46,756	46,431	25,036	45,889	33,406	49,678	12,072	50,158	36,767	11,164	422,158
12000349 Residential Heating and Cooling	51,343	38,245	43,812	53,492	51,129	55,768	55,090	63,492	62,421	54,196	48,082	24,760	601,829
12000425 Neighborhood Weatherization	221,304	397,210	289,253	291,777	337,169	291,195	158,460	279,792	154,432	246,347	198,918	225,000	3,090,857
12000433 Energy Planner	348,760	284,269	310,162	253,308	276,368	274,468	261,705	283,668	266,105	267,438	246,221	195,502	3,267,974
12000365 Residential Wall Insulation	106	148	253	174	222	153	182	226	34	-	-	137	1,635
12000367 Residential Window Replacement	40,149	40,250	40,773	57,744	54,784	47,830	47,804	53,976	45,183	47,819	36,416	30,678	543,406
12000421 Residential HVAC Re-Commissioning	0	0	0	0	0	0	0	0	-	-	-	-	-
12000373 Residential Window Film	264	167	0	0	0	0	0	-	-	-	-	-	433
12000351 Prime Time	339,323	322,049	358,362	197,813	156,224	101,852	47,308	53,889	63,848	7,452	16,323	17,352	1,681,796
12000397 Commercial Ceiling Insulation	798	429	7,029	23,484	466	2,067	680	2,485	802	252	355	595	39,441
12000411 Commercial Chiller	68	117	56	113	9,127	-	-	-	-	30	1,810	2,016	13,337
12000371 Cogeneration	3,296	6,065	8,058	6,381	5,526	6,242	5,550	6,397	8,043	5,980	5,446	5,012	71,996
12000389 Conservation Value	87,278	1,096	13,705	732	867	624	39,711	14,953	994	542	67,807	760	229,070
12000443 Cool Roof	34,502	10,975	11,855	2,605	4,251	1,876	25,743	69,991	30,815	46,732	33,342	2,695	275,381
12000429 Commercial Cooling	610	1,067	1,815	2,006	469	56	172	54	109	295	437	-	7,088
12000409 Demand Response	306,693	307,659	307,911	308,904	307,387	307,364	306,832	307,144	308,450	307,550	307,930	308,081	3,691,905
12000377 Commercial Duct Repair	8,039	9,430	1,844	1,310	1,846	926	1,846	1,011	271	380	162	253	27,320
12000441 Commercial ECM	12	14,029	5,597	438	136	42	271	109	215	109	194	109	21,261
12000379 Industrial Load Management (GLSM 2&3)	1,381,033	1,363,819	1,236,929	1,282,121	1,185,373	1,400,666	1,230,509	1,382,969	1,366,553	1,322,632	1,333,950	1,377,191	15,863,745
12000385 Lighting Conditioned Space	26,132	53,929	11,575	20,847	17,707	46,459	23,897	10,772	67,327	25,279	20,524	20,788	345,236
12003201 Lighting Non-Conditioned Space	5,467	2,007	171	4,651	1,985	7,153	2,096	10,435	5,617	7,248	8,747	6,311	61,888
12000413 Lighting Occupancy Sensors	18	3,158	920	1,859	877	4,261	60	3,899	86	-	-	-	15,138
12000383 CILM (GLSM 1)	1,323	431	418	1,424	1,373	1,362	1,362	1,362	1,362	399	1,362	368	12,547
12000415 Refrigeration Anti-condensate Control	12	-	-	-	29	-	60	-	-	-	-	60	161
12000387 Standby Generator	249,148	250,521	248,685	251,130	246,932	246,536	245,321	251,012	250,447	247,630	242,561	218,951	2,948,874
12003202 Thermal Energy Storage	-	-	328	-	215	-	-	-	217	54	244	-	1,058
12000399 Commercial Wall Insulation	-	-	-	-	-	-	-	-	-	-	-	-	-
12000417 Commercial Water Heating	12	-	-	-	29	-	-	-	-	-	-	-	41
12000427 Conservation Research and Development	-	-	-	-	-	-	-	1,387	421	162	690	271	2,932
12000393 Renewable Energy Program	(11,965)	(11,090)	275	(10,401)	(9,798)	35,456	(12,097)	(10,907)	(9,566)	(10,161)	(9,380)	(10,284)	(69,917)
12000403-12 Renewable Energy Systems Initiative	5,243	10,499	2,937	252	9,876	225	145	97	100	151	194	67	29,787
12000445 Commercial ERV	-	-	-	-	-	-	-	-	-	-	-	-	-
12000437 Commercial Exit Signs	-	0	-	-	314	-	-	0	-	-	-	-	315
12000439 Commercial HVAC Re-commissioning	0	0	825	-	-	-	-	-	-	-	-	-	826
12000401 Commercial Motors	-	-	612	-	0	-	-	(612)	-	-	-	-	-
12000435 Commercial Roof Insulation	-	-	-	-	-	-	-	-	-	-	-	-	-
12000395 Commercial Window Film	6,533	-	-	-	-	-	-	-	-	-	-	-	6,533
12000347 Common Expenses	44,881	60,614	161,170	67,479	61,114	157,655	44,427	48,046	91,873	82,564	62,894	64,556	947,273
Total	3,332,239	3,471,433	3,357,265	3,079,412	3,029,303	3,317,350	2,785,401	3,179,719	3,001,350	3,010,543	2,874,659	2,803,477	37,242,151
Less: Amount Included in Base Rates	-	-	-	-	-	-	-	-	-	-	-	-	-
Recoverable Conservation Expenses	3,332,239	3,471,433	3,357,265	3,079,412	3,029,303	3,317,350	2,785,401	3,179,719	3,001,350	3,010,543	2,874,659	2,803,477	37,242,151

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TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up and Interest Provision
For Months January 2016 through December 2016

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 *	2,519,384	2,366,158	2,225,204	2,353,210	2,582,568	3,052,555	3,262,212	3,222,081	3,237,713	2,911,396	2,409,897	2,321,077	32,463,454
3 Total Revenues	2,519,384	2,366,158	2,225,204	2,353,210	2,582,568	3,052,555	3,262,212	3,222,081	3,237,713	2,911,396	2,409,897	2,321,077	32,463,454
4 Prior Period True-up	<u>520,784</u>	<u>520,784</u>	<u>520,784</u>	<u>520,784</u>	<u>520,784</u>	<u>520,784</u>	<u>520,784</u>	<u>520,784</u>	<u>520,784</u>	<u>520,784</u>	<u>520,784</u>	<u>520,779</u>	<u>6,249,403</u>
5 Conservation Revenue Applicable to Period	3,040,168	2,886,942	2,745,988	2,873,994	3,103,352	3,573,339	3,782,996	3,742,865	3,758,497	3,432,180	2,930,681	2,841,856	38,712,857
6 Conservation Expenses	<u>3,344,203</u>	<u>3,482,523</u>	<u>3,356,990</u>	<u>3,089,813</u>	<u>3,039,100</u>	<u>3,281,894</u>	<u>2,797,498</u>	<u>3,190,625</u>	<u>3,010,916</u>	<u>3,020,705</u>	<u>2,884,039</u>	<u>2,813,761</u>	37,312,067
7 True-up This Period (Line 5 - Line 6)	(304,035)	(595,581)	(611,002)	(215,819)	64,252	291,445	985,498	552,240	747,581	411,475	46,642	28,095	1,400,790
8 Interest Provision This Period	1,203	909	559	204	7	(109)	(69)	16	64	93	(24)	(271)	2,582
9 True-up & Interest Provision Beginning of Period	\$4,056,772	3,233,156	2,117,700	986,473	250,074	(206,451)	(435,899)	28,746	60,218	287,079	177,863	(296,303)	4,056,772
10 Prior Period True-up Collected (Refunded)	<u>(520,784)</u>	<u>(520,784)</u>	<u>(520,784)</u>	<u>(520,784)</u>	<u>(520,784)</u>	<u>(520,784)</u>	<u>(520,784)</u>	<u>(520,784)</u>	<u>(520,784)</u>	<u>(520,784)</u>	<u>(520,784)</u>	<u>(520,779)</u>	<u>(6,249,403)</u>
11 End of Period Total Net True-up	<u>\$3,233,156</u>	<u>\$2,117,700</u>	<u>\$986,473</u>	<u>\$250,074</u>	<u>(\$206,451)</u>	<u>(\$435,899)</u>	<u>\$28,746</u>	<u>\$60,218</u>	<u>\$287,079</u>	<u>\$177,863</u>	<u>(\$296,303)</u>	<u>(\$789,258)</u>	<u>(\$789,258)</u>

* Net of Revenue Taxes

(A) Included in Line 6

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TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up and Interest Provision
For Months January 2016 through December 2016

Interest Provision	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Beginning True-up Amount	\$4,056,772	\$3,233,156	\$2,117,700	\$986,473	\$250,074	(\$206,451)	(\$435,899)	\$28,746	\$60,218	\$287,079	\$177,863	(\$296,303)	
2 Ending True-up Amount Before Interest	3,231,953	2,116,791	985,914	249,870	(206,458)	(435,790)	28,815	60,202	287,015	177,770	(296,279)	(788,987)	
3 Total Beginning & Ending True-up	<u>7,288,725</u>	<u>5,349,947</u>	<u>3,103,614</u>	<u>1,236,343</u>	<u>43,616</u>	<u>(642,241)</u>	<u>(407,084)</u>	<u>88,948</u>	<u>347,233</u>	<u>464,849</u>	<u>(118,416)</u>	<u>(1,085,290)</u>	
4 Average True-up Amount (50% of Line 3)	<u>3,644,363</u>	<u>2,674,974</u>	<u>1,551,807</u>	<u>618,172</u>	<u>21,808</u>	<u>(321,121)</u>	<u>(203,542)</u>	<u>44,474</u>	<u>173,617</u>	<u>232,425</u>	<u>(59,208)</u>	<u>(542,645)</u>	
5 Interest Rate - First Day of Month	0.400%	0.400%	0.420%	0.440%	0.340%	0.430%	0.380%	0.430%	0.410%	0.480%	0.480%	0.480%	
6 Interest Rate - First Day of Next Month	0.400%	0.420%	0.440%	0.340%	0.430%	0.380%	0.430%	0.410%	0.480%	0.480%	0.480%	0.720%	
7 Total (Line 5 + Line 6)	0.800%	0.820%	0.860%	0.780%	0.770%	0.810%	0.810%	0.840%	0.890%	0.960%	0.960%	1.200%	
8 Average Interest Rate (50% of Line 7)	0.400%	0.410%	0.430%	0.390%	0.385%	0.405%	0.405%	0.420%	0.445%	0.480%	0.480%	0.600%	
9 Monthly Average Interest Rate (Line 8/12)	0.033%	0.034%	0.036%	0.033%	0.032%	0.034%	0.034%	0.035%	0.037%	0.040%	0.040%	0.050%	
10 Interest Provision (Line 4 x Line 9)	\$1,203	\$909	\$559	\$204	\$7	(\$109)	(\$69)	\$16	\$64	\$93	(\$24)	(\$271)	\$2,582

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
For Months January 2016 through December 2016

PRICE RESPONSIVE LOAD MANAGEMENT

Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investment		\$ 84,005	\$ 109,085	\$ 127,551	\$ 61,833	\$ 46,833	\$ 87,818	\$ 26,316	\$ 93,121	\$ 38,688	\$ 49,204	\$ 59,032	\$ 400	\$ 783,886
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		6,404,703	6,304,053	6,404,495	6,399,517	6,367,545	6,294,418	6,278,131	6,180,937	6,141,233	6,089,913	6,089,991	6,009,341	
4 Depreciation Expense		106,194	105,906	105,905	106,700	106,392	105,516	104,771	103,826	102,685	101,926	101,499	100,828	1,252,148
5 Cumulative Investment	6,338,588.11	\$6,404,703	\$6,304,053	\$6,404,495	\$6,399,517	\$6,367,545	\$6,294,418	\$6,278,131	\$6,180,937	\$6,141,233	\$6,089,913	\$6,089,991	\$6,009,341	\$6,009,341
6 Less: Accumulated Depreciation	2,813,057	2,901,360	2,797,531	2,876,327	2,916,216	2,943,803	2,888,374	2,950,542	2,864,052	2,888,345	2,889,746	2,932,291	2,952,069	2,952,069
7 Net Investment	<u>\$3,525,531</u>	<u>\$3,503,343</u>	<u>\$3,506,522</u>	<u>\$3,528,168</u>	<u>\$3,483,301</u>	<u>\$3,423,742</u>	<u>\$3,406,044</u>	<u>\$3,327,589</u>	<u>\$3,316,885</u>	<u>\$3,252,888</u>	<u>\$3,200,167</u>	<u>\$3,157,700</u>	<u>\$3,057,272</u>	<u>\$3,057,272</u>
8 Average Investment		3,514,437	3,504,933	3,517,345	3,505,735	3,453,522	3,414,893	3,366,817	3,322,237	3,284,887	3,226,528	3,178,934	3,107,486	
9 Return on Average Investment - Equity Component		20,660	20,604	20,677	20,608	20,302	20,074	19,734	19,473	19,254	18,912	18,633	18,214	237,145
10 Return on Average Investment - Debt Component		<u>5,702</u>	<u>5,687</u>	<u>5,707</u>	<u>5,688</u>	<u>5,604</u>	<u>5,541</u>	<u>5,657</u>	<u>5,582</u>	<u>5,520</u>	<u>5,422</u>	<u>5,342</u>	<u>5,222</u>	<u>66,674</u>
11 Total Depreciation and Return		<u>\$132,556</u>	<u>\$132,197</u>	<u>\$132,289</u>	<u>\$132,996</u>	<u>\$132,298</u>	<u>\$131,131</u>	<u>\$130,162</u>	<u>\$128,881</u>	<u>\$127,459</u>	<u>\$126,260</u>	<u>\$125,474</u>	<u>\$124,264</u>	<u>\$1,555,967</u>

Note: Depreciation expense is calculated using a useful life of 60 months.
Line 9 x 7.0844% x 1/12 (Jan-Jun) and 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 2.0343% x 1/12 (Jan-Jun) and Line 10 x 1.9471% x 1/12 (Jul-Dec).

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
For Months January 2016 through December 2016

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	55,126.00	\$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	27,590	28,509	29,428	30,347	31,266	32,185	33,104	34,023	34,942	35,861	36,780	37,699	38,618	38,618
7 Net Investment	\$27,536	\$26,617	\$25,698	\$24,779	\$23,860	\$22,941	\$22,022	\$21,103	\$20,184	\$19,265	\$18,346	\$17,427	\$16,508	\$16,508
8 Average Investment		27,076	26,158	25,239	24,320	23,401	22,482	21,563	20,644	19,725	18,806	17,887	16,968	
9 Return on Average Investment		159	154	148	143	138	132	126	121	116	110	105	99	1,551
10 Return Requirements		44	42	41	39	38	36	36	35	33	32	30	29	435
11 Total Depreciation and Return		\$1,122	\$1,115	\$1,108	\$1,101	\$1,095	\$1,087	\$1,081	\$1,075	\$1,068	\$1,061	\$1,054	\$1,047	\$13,014

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 7.2242% x1/12 (Jul-Dec). Based on ROE of 11.25% 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 2.2101% x 1/12 (Jul-Dec).

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TAMPA ELECTRIC COMPANY
Reconciliation and Explanation of
Difference Between Filing and FPSC Audit
For Months January 2016 through December 2016

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

Program Description and Progress

Program Title: Energy Audits

Program Description: Energy audits are a conservation program designed to save demand and energy by increasing customer awareness of energy use in personal residences, commercial facilities and industrial plants. Five types of audits are available to Tampa Electric customers; three types are for residential class customers and two types are for commercial/industrial customers.

Program Accomplishments: January 1, 2016 to December 31, 2016

Number of customers participating:
Residential Walk-Through: 6,902
Residential Customer Assisted: 1,017
Residential Computer Assisted: 9
Commercial/Industrial: 764
Commercial/Industrial Comprehensive: 4

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$2,398,219.

Program Progress Summary: Through this reporting period 342,873 customers have participated in on-site audits. Additionally, 124,095 customers have participated in company processed residential and commercial customer assisted audits.

Program Description and Progress

Program Title: Residential Ceiling Insulation

Program Description: The Residential Ceiling Insulation Program is designed to encourage customers to make cost-effective improvements to existing residences. The goal is to offer customer rebates for installing ceiling insulation to help reduce their energy consumption while reducing Tampa Electric's weather sensitive peak demand. Ceiling insulation is designed to reduce demand and energy by decreasing the load on residential air conditioning and heating equipment. Qualifying residential structures are eligible for a rebate based upon the total square footage of insulation installed over conditioned space. Customers will receive a certificate that is used as partial payment for the ceiling insulation installed.

Program Accomplishments: January 1, 2016 to December 31, 2016

Number of customers participating: 1,293

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$357,056.

Program Progress Summary: Through this reporting period 121,823 customers have participated.

Program Description and Progress

Program Title: Residential Duct Repair

Program Description: The Residential Duct Repair Program is a conservation rebate program designed to reduce demand and energy by decreasing the load on residential HVAC equipment helping the customer reduce their energy consumption and reducing Tampa Electric's peak demand. This program eliminates or reduces areas of HVAC air distribution losses by sealing and repairing the ADS. The ADS is defined as the air handler, air ducts, return plenums, supply plenums and any connecting structure.

Program Accomplishments: January 1, 2016 to December 31, 2016

Number of customers participating: 1,293

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$276,468.

Program Progress Summary: Through this reporting period 99,222 customers have participated.

Program Description and Progress

Program Title: Residential Electronically Commutated Motors (ECM)

Program Description: The Residential ECM Program is designed to encourage customers to make cost-effective improvements to existing residences. The goal is to offer customer rebates for installing an ECM to help reduce their energy consumption and reduce Tampa Electric's peak demand. ECM motors are designed to help residential customers improve the overall efficiency of their existing HVAC equipment by replacing the current induction motor in the air-handler with an ECM.

Program Accomplishments: January 1, 2016 to December 31, 2016
Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016
Actual expenses were \$0.

Program Progress Summary: Through this reporting period five customers have participated.

Program Description and Progress

- Program Title: Energy Education, Awareness and Agency Outreach
- Program Description: The Energy Education, Awareness and Agency Outreach Program is comprised of three distinct initiatives. The Energy Education and Awareness portion of the program is designed to establish opportunities for engaging groups of customers and students in energy-efficiency related discussions in an organized setting. The Agency Outreach portion of the program will allow for delivery of energy efficiency kits that will help educate agency clients on practices that help to reduce energy consumption. The suggested practices will mirror the recommendations provided to customers who participate in a free energy audit.
- Program Accomplishments: January 1, 2016 to December 31, 2016
- In this reporting period Tampa Electric partnered with 2 local schools to present Energy Education to 453 students through 2 classroom presentations. Tampa Electric also continues to partner with Junior Achievement BizTown presenting Energy Education to 15,000 students representing 180 local schools. In addition, the company gave 18 presentations to civic organizations and distributed 461 energy saving kits to participating customers.
- Program Fiscal Expenditures: January 1, 2016 to December 31, 2016
- Actual expenses were \$57,081.
- Program Progress Summary: Through this reporting period Tampa Electric has partnered with 109 local schools to present Energy Education to 34,579 students. In addition, the company gave 137 presentations to civic organizations that generated 837 customer assisted audits and distributed 4,802 energy saving kits to participating customers.

Program Description and Progress

Program Title: ENERGY STAR for New Homes

Program Description: The ENERGY STAR for New Homes Program is a residential new construction conservation program designed to reduce the growth of peak demand and energy in the residential new construction market. The program utilizes a rebate to encourage the construction of new homes to meet the requirements to achieve the ENERGY STAR certified new home label. By receiving this certificate, the new home will use less energy and demand which will help reduce the growth of Tampa Electric's peak demand. This program replaced the prior Residential New Construction program.

Program Accomplishments: January 1, 2016 to December 31, 2016

Number of customers participating: 403

Program Fiscal Expenditures: January 1, 2015 to December 31, 2016

Actual expenses were \$422,159.

Program Progress Summary: Through this reporting period 12,171 customers have participated.

Program Description and Progress

Program Title: Residential Heating and Cooling

Program Description: The Residential Heating and Cooling Program is designed to encourage customers to make cost-effective improvements to existing residences. The goal is to offer customer rebates for installing high efficiency heating and cooling systems to help reduce their energy consumption while reducing Tampa Electric's weather sensitive peak demand. High efficiency heating and cooling systems require less demand and energy as compared to standard systems. This program will rebate residential customers that install a qualifying air conditioning system.

Program Accomplishments: January 1, 2016 to December 31, 2016

Number of customers participating: 3,693

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$601,829.

Program Progress Summary: Through this reporting period 198,054 customers have participated.

Program Description and Progress

Program Title: Neighborhood Weatherization

Program Description: The Neighborhood Weatherization Program is designed to assist low income families in reducing their energy usage. The goal of the program is to provide and install a package of conservation measures at no cost to the customer. Another key component will be educating families and promoting energy conservation techniques to help customers control and reduce their energy usage.

Program Accomplishments: January 1, 2016 to December 31, 2016

Number of customers participating: 5,495

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$3,090,857.

Program Progress Summary: Through this reporting period 29,382 customers have participated.

Program Description and Progress

Program Title: Residential Price Responsive Load Management
(Energy Planner)

Program Description: The company's program relies on a multi-tiered rate structure combined with price signals conveyed to participating customers during the day. This price information is designed to encourage customers to make behavioral or equipment usage changes to their energy consumption thereby achieving the desired high cost period load reduction to assist in meeting system peak.

Program Accomplishments: January 1, 2016 to December 31, 2016

Number of net customers participating: 518

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$3,267,974.

Program Progress Summary: Through this reporting period 4,431 customers have participated.

Program Description and Progress

Program Title: Residential Wall Insulation

Program Description: The Residential Wall Insulation Program is designed to encourage customers to make cost-effective improvements to existing residences. The goal is to offer customer rebates for installing wall insulation to help reduce their energy consumption while reducing Tampa Electric's weather sensitive peak demand. Wall insulation is designed to reduce demand and energy by decreasing the load on residential air conditioning and heating equipment. Qualifying residential structures are eligible for a rebate based upon the total square footage of insulation installed in exterior walls adjacent to conditioned spaces. Customers will receive a certificate that is used as partial payment for the wall insulation installed.

Program Accomplishments: January 1, 2016 to December 31, 2016

Number of customers participating: 5

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$1,635.

Program Progress Summary: Through this reporting period 190 customers have participated.

Program Description and Progress

Program Title: Residential Window Replacement

Program Description: The Residential Window Replacement Program is designed to encourage customers to make cost-effective improvements to existing residences. The goal is to offer customer rebates for replacing existing external windows with high performance windows that help reduce their energy consumption while reducing Tampa Electric's weather sensitive peak demand. High performance windows are designed to reduce demand and energy by decreasing the solar heat gain into a residence and in turn, decrease the load on residential air conditioning equipment. Qualifying residential structures are eligible for a rebate based upon the total square footage of exterior windows replaced.

Program Accomplishments: January 1, 2016 to December 31, 2016

Number of customers participating: 1,417

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$543,406.

Program Progress Summary: Through this reporting period 11,724 customers have participated.

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-15-0434-CO-EG issued October 12, 2015, the Prime Time Program began its systematic phased closure. This program was retired on May 11, 2016.

Program Accomplishments: January 1, 2015 to December 31, 2016

Number of net customers participating: -13,579

Program Fiscal Expenditures: January 1, 2015 to December 31, 2016

Actual expenses were \$1,681,796.

Program Progress Summary: This program was retired on May 11, 2016.

Program Description and Progress

Program Title: Commercial Ceiling Insulation

Program Description: The Commercial Ceiling Insulation 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 ceiling insulation to help reduce their energy consumption and demand while reducing Tampa Electric's weather sensitive peak demand. Ceiling insulation is designed to reduce demand and energy by decreasing the load on commercial/industrial air conditioning and heating equipment. Qualifying structures are eligible for a rebate based upon the total square footage of insulation installed over conditioned space. Certificates for participation will be issued through energy audits or by direct evaluation of the existing building envelope.

Program Accomplishments: January 1, 2016 to December 31, 2016

Number of customers participating: 14

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$39,441.

Program Progress Summary: Through this reporting period 306 customers have participated.

Program Description and Progress

Program Title: Commercial Chiller

Program Description: The Commercial Chiller Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities and processes. The goal is to offer customer rebates for installing high efficiency electric water-cooled chillers and electric air-cooled chillers that exceed Florida's Building Code and minimum product manufacturing standards in commercial/industrial buildings or processes to help reduce their energy consumption and demand while reducing Tampa Electric's weather sensitive peak demand. High efficiency chillers reduce demand and energy by decreasing the load on air conditioning and heating equipment or process cooling equipment during weather sensitive peak demand times.

Program Accomplishments: January 1, 2016 to December 31, 2016

Number of customers participating: 5

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$13,337.

Program Progress Summary: Through this reporting period 61 customers have participated.

Program Description and Progress

Program Title:	<u>Cogeneration</u>
Program Description:	Tampa Electric's Cogeneration program is administered by a professional team experienced in working with cogenerators. The group manages functions related to coordination with Qualifying Facilities ("QFs") including negotiations, agreements and informational requests; functions related to governmental, regulatory and legislative bodies; research, development, data acquisition and analysis; economic evaluations of existing and proposed QFs as well as the preparation of Tampa Electric's Annual Twenty-Year Cogeneration Forecast.
Program Accomplishments:	<u>January 1, 2016 to December 31, 2016</u> 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:	<u>January 1, 2016 to December 31, 2016</u> Actual expenses were \$71,997.
Program Progress Summary:	At the end of 2016, there are eight cogeneration Qualifying Facilities ("QFs") that are on-line in Tampa Electric's service area. The total nameplate generation capacity of these eight interconnected cogeneration facilities is 448.2 MW. During 2016, the company received 237.28 GWh from these facilities. The company continues interaction with current and potential cogeneration developers regarding on-going and future cogeneration activities.

Program Description and Progress

Program Title: Conservation Value

Program Description: The Conservation Value Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. This rebate program is designed to recognize those investments in demand shifting or demand reduction measures that reduce Tampa Electric's peak demand. Measures funded in this program will not be covered under any other Tampa Electric commercial/industrial conservation programs. Candidates are identified through energy audits or their engineering consultants can submit proposals for funding which offer demand and energy reduction during weather sensitive peak periods helping reduce Tampa Electric's peak demand.

Program Accomplishments: January 1, 2016 to December 31, 2016

Number of customers participating: 2

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$229,069.

Program Progress Summary: Through this reporting period 51 customers have participated.

The two conservation value projects that were included in the company's annual DSM report for participation in 2016 included the Port of Tampa and Lamb Elementary School. The cost-effectiveness calculation title sheets for each of these projects was submitted within the company's 2015 True Up filing which was filed on May 2, 2016 within Docket 160002.

Port of Tampa: This project is a thermal energy storage ("TES") project. The cost-effectiveness analysis was performed on February 18, 2014. This conservation value project was installed on December 1, 2014. After a 90-day period Tampa Electric reviewed the load profile which indicated the TES was not operating as originally designed. Tampa Electric took this opportunity to assist the customer by bringing awareness, energy education and assisting the customer with the commissioning of the system as originally submitted in the design plan. Tampa Electric and the customer agreed to shift the 90-day period out to allow the customer a reasonable time to make all the necessary changes with the operation and programming of the system. The customer notified the company that the majority of issues were resolved by May 2015. Tampa Electric re-initiated the monitoring of the two chillers that were supporting the operation of the TES system. August 31, 2015 was the first day which showed the system was operating as designed. The company continued monitoring the system through the beginning of December 2015 which showed the system was continuously operating as designed on the application. Due to the requirement of the conservation program to demonstrate at least 90 days of successful operation, the facility received its first portion of the approved rebate in March 2016. The company continued to monitor this system through the summer peak period which showed the TES system was operating as originally designed one year after installation.

Lamb Elementary School: This project is a TES project. The cost-effectiveness analysis was performed on March 20, 2015. This project was installed on August 15, 2015. After a 90-day period Tampa Electric reviewed the load profile which indicated the thermal storage system was not operating as originally designed. Tampa Electric took this opportunity to assist the customer by bringing awareness, energy education and assisting the customer with the commissioning of the system as originally submitted in the design plan. The commissioning period was shifted several times which included many meetings of collaboration and guidance to assist the Hillsborough County School District in making the necessary adjustments to bring the TES system into full and optimized operation. These commissioning activities took place from the installation of the equipment to when the company started seeing in the data the fully operational load profile of the system that was concurrent with the company's peak in July 2016. During this period, the company documented and communicated to the Hillsborough County School District that while the profile of the TES system was good, the demand reduction the company was seeing was less than what was originally submitted in the application. The final rebate was paid based upon the actual demand reduction seen during the measurement and verification analysis.

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 on the following page. Specifically, the table provides incentive payments as well as other program costs incurred during the January through December 2015 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 2016 - December 2016

Customer Data	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
Plastipak²	\$86,853											
Average Summer Demand Savings:	595											
Average Winter Demand Savings:	683											
Annual Energy Savings:	1,674,516											
Hillsborough County Schools - Mintz²							\$39,380					
Average Summer Demand Savings:	286											
Average Winter Demand Savings:	0											
Annual Energy Savings:	65.9											
Hillsborough County Schools - Cannella²											\$32,868	
Average Summer Demand Savings:	253											
Average Winter Demand Savings:	0											
Annual Energy Savings:	-26											
Tampa Port Authority^{1&2}			\$12,750					\$12,750				
Average Summer Demand Savings:	162											
Average Winter Demand Savings:	0											
Annual Energy Savings:	9714											
Hillsborough County Schools - Lamb⁴											\$33,304	
Average Summer Demand Savings:	196											
Average Winter Demand Savings:	0											
Annual Energy Savings:	40											
Monthly Totals:	\$86,853	\$0	\$12,750	\$0	\$0	\$0	\$39,380	\$12,750	\$0	\$0	\$66,172	\$0

Total Incentives Paid for Period **\$217,905**
Total Other Expenses for Period: **\$11,164**
Total Incentives and Expenses for Period: **\$229,069**

Note 1: Project has achieved 90 days of successful operation, 1st half of rebate paid
Note 2: Project has achieved one year of successful operation, final portion of rebate paid
Note 3: Project awaiting final installation or has not achieved 90 days of successful operation, no portions of rebate paid
Note 4: First and Final payments included together

Program Description and Progress

Program Title: Cool Roof

Program Description: The Cool Roof 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 a cool roof system above conditioned spaces to help reduce their energy consumption and demand while reducing Tampa Electric's weather sensitive peak demand. Cool roofs reduce the heat load transferred into a building or facility by reflecting some of the sun's energy which reduces the load on commercial/industrial air conditioning and cooling equipment. Qualifying structures are eligible for a rebate based upon the total square footage of cool roof PVC membrane installed over conditioned space.

Program Accomplishments: January 1, 2016 to December 31, 2016

Number of customers participating: 25

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$275,381.

Program Progress Summary: Through this reporting period 219 customers have participated.

Program Description and Progress

Program Title: Commercial Cooling

Program Description: The Commercial Cooling 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 high efficiency heating and cooling systems to help reduce their energy consumption and demand while reducing Tampa Electric's weather sensitive peak demand. High efficiency heating and cooling systems require less demand and energy as compared to standard systems. This program will rebate commercial/industrial customers that install a qualifying air conditioning system.

Program Accomplishments: January 1, 2016 to December 31, 2016

Number of customers participating: 9

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$7,088.

Program Progress Summary: Through this reporting period 2,298 customers have participated.

Program Description and Progress

Program Title: 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. The company will contract for a turn-key program that will induce commercial/industrial customers to reduce their demand for electricity in response to market signals. Reductions will be achieved through a mix of emergency backup generation, energy management systems, raising cooling set-points and turning off or dimming lights, signage, etc.

Program Accomplishments: January 1, 2016 to December 31, 2016

See Program Progress Summary below.

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$3,691,905.

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 demand response control.

Program Description and Progress

Program Title: Commercial Duct Repair

Program Description: The Commercial Duct Repair Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal of this conservation program is to offer rebates for sealing existing facility's duct system to reduce demand and energy by decreasing the load on commercial HVAC equipment. This program eliminates or reduces areas of HVAC air distribution losses by sealing and repairing the ADS.

Program Accomplishments: January 1, 2016 to December 31, 2016

Number of customers participating: 96

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$27,320.

Program Progress Summary: Through this reporting period 11,030 customers have participated.

Program Description and Progress

Program Title: Commercial Electronically Commutated Motors (ECM)

Program Description: The Commercial ECM Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal of this conservation program is to offer rebates for installing electronically commutated motors in existing air conditioning and refrigeration equipment. The program is aimed at reducing energy and the growth of weather sensitive peak demand by encouraging customers to replace current induction motors with high efficiency ECM that exceed minimum product manufacturing standards.

Program Accomplishments: January 1, 2016 to December 31, 2016

Number of customers participating: 1,225

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$21,261.

Program Progress Summary: Through this reporting period 1,310 customers have participated.

Program Description and Progress

Program Title: Industrial Load Management (GSLM 2&3)

Program Description: This load management program is for large industrial customers with interruptible loads of 500 kW or greater.

Program Accomplishments: January 1, 2016 to December 31, 2016
Net new customers participating: 0

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016
Actual expenses were \$15,863,745.

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: Lighting Conditioned Space

Program Description: The Lighting Conditioned Space 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 energy efficient lighting technology and systems within conditioned space to help reduce their energy consumption and demand and reducing Tampa Electric's peak demand. Tampa Electric will provide a rebate to customers who install qualifying conditioned spaces lighting systems.

Program Accomplishments: January 1, 2016 to December 31, 2016

Number of customers participating: 159

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$345,236.

Program Progress Summary: Through this reporting period 1,944 customers have participated.

Program Description and Progress

Program Title: Lighting Non-Conditioned Space

Program Description: The Lighting Non-Conditioned Space 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 energy efficient outdoor lighting technology and systems or in non-conditioned spaces to help reduce their energy consumption and demand and reducing Tampa Electric's peak demand. Tampa Electric will provide a rebate to customers who install qualifying non-conditioned spaces lighting systems.

Program Accomplishments: January 1, 2016 to December 31, 2016

Number of customers participating: 60

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$61,888.

Program Progress Summary: Through this reporting period 213 customers have participated.

Program Description and Progress

Program Title: Lighting Occupancy Sensors

Program Description: The Lighting Occupancy Sensors 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 lighting occupancy sensors to efficiently control lighting systems to help reduce their energy consumption and demand and reducing Tampa Electric's peak demand. Tampa Electric will provide a rebate to customers who install qualifying occupancy sensors for lighting systems.

Program Accomplishments: January 1, 2016 to December 31, 2016

Number of customers participating: 12

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$15,139.

Program Progress Summary: Through this reporting period 212 customers have participated.

Program Description and Progress

Program Title: Commercial Load Management

Program Description: The Commercial Load Management Program is intended to help alter Tampa Electric's system load curve by reducing summer and winter demand peaks. The goal is to offer customer incentives for allowing the installation and control of load management control equipment on specific technologies to reduce Tampa Electric's weather sensitive peak demand. Customers that participate in this program choose whether to have the technology controlled either interrupted for the entire control period or cycled during the control period. Tampa Electric will provide a monthly incentive credit to customers participating in this program.

Program Accomplishments: January 1, 2016 to December 31, 2016

Net new customers participating: 0

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$12,546.

Program Progress Summary: Through this reporting period there are six participating customers on cyclic control and zero customers on extended control.

Program Description and Progress

Program Title: Refrigeration Anti-Condensate Control

Program Description: The Refrigeration Anti-Condensate Control 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 energy efficient anti-condensate control technology for their refrigerated door heaters to help reduce their energy consumption and demand and reducing Tampa Electric's peak demand. Tampa Electric will provide a rebate to customers who install qualifying anti-condensate control systems.

Program Accomplishments: January 1, 2016 to December 31, 2016

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$162.

Program Progress Summary: Through this reporting period zero customers have participated. Expenses incurred were associated with administration and participation protocols.

Program Description and Progress

Program Title: Standby Generator

Program Description: The Standby Generator Program is designed to utilize the emergency generation capacity of commercial/industrial facilities in order to reduce weather sensitive peak demand. Tampa Electric provides the participating customers a 30-minute notice that their generation will be required. This allows customers time to start generators and arrange for orderly transfer of load. Tampa Electric meters and issues monthly credits for that portion of the generator's output that could serve normal building load after the notification time. Normal building load is defined as load (type, amount and time duration) that would have been served by Tampa Electric if the emergency generator did not operate. Under no circumstances will the generator deliver power to Tampa Electric's grid. Under the Environmental Protection Agency's rules, Tampa Electric classifies the Standby Generator Program as a non-emergency program.

Program Accomplishments: January 1, 2016 to December 31, 2016

Net new customers participating: 0

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$2,948,874.

Program Progress Summary: Through this reporting period there are 91 participating customers.

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 Accomplishments: January 1, 2016 to December 31, 2016

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$1,058.

Program Progress Summary: Through this reporting period zero customers have participated.

Program Description and Progress

Program Title: Commercial Wall Insulation

Program Description: The Commercial Wall Insulation 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 wall insulation to help reduce their energy consumption and demand while reducing Tampa Electric's weather sensitive peak demand. Wall insulation is designed to reduce demand and energy by decreasing the load on commercial/industrial HVAC equipment. Qualifying structures are eligible for a rebate based upon the total square footage of insulation installed in exterior walls adjacent to conditioned spaces. Certificates for participation will be issued through energy audits or by direct evaluation of the current building envelope.

Program Accomplishments: January 1, 2016 to December 31, 2016

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$0.

Program Progress Summary: Through this reporting period two customers have participated. Expenses incurred were associated with administration and participation protocols.

Program Description and Progress

Program Title: Commercial Water Heating

Program Description: The Commercial Water Heating 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 energy efficient water heating systems to help reduce their energy consumption and demand and reducing Tampa Electric's peak demand. Tampa Electric will provide a rebate to customers who install qualifying water heating systems.

Program Accomplishments: January 1, 2016 to December 31, 2016

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$41.

Program Progress Summary: Through this reporting period zero customers have participated. Expenses incurred were associated with administration and participation protocols.

Program Description and Progress

Program Title: DSM Research and Development (R&D)

Program Description: This program is in response to Rule 25-17.001 (5) (f), F.A.C., that requires aggressive R&D projects be "...an ongoing part of the practice of every well managed utility's programs." It is also in support of FPSC Order No. 22176 dated November 14, 1989, requiring utilities to "...pursue research, development, and demonstration projects designed to promote energy efficiency and conservation." R&D activity will be conducted on proposed measures to determine the impact to the company and its ratepayers and may occur at customer premises, Tampa Electric facilities or at independent test sites. Tampa Electric will report program progress through the annual ECCR True-Up filing.

Program Accomplishments: January 1, 2016 to December 31, 2016
See Program Progress Summary below.

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016
Actual expenses were \$2,932.

Program Progress Summary: For 2016, Tampa Electric began exploring several R&D projects. These projects were: partnering with the University of South Florida on Battery Storage and Electric Vehicles; Incorporation of heat pump water heaters within the Energy Planner Program.

Program Description and Progress

Program Title: Renewable Energy Program

Program Description: This program provides customers with the option to purchase 200 kWh blocks of renewable energy for five dollars per block to assist in the delivery of renewable energy to the company's grid system. This specific effort provides funding for renewable energy procurement, program administration, evaluation and market research.

Program Accomplishments: January 1, 2016 to December 31, 2016

Year-end customers participating:	1,749
Number of net customers participating:	-111
Blocks of energy purchased:	2,600
One-time blocks of energy sold:	4,000

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were a credit of \$69,917.

Program Progress Summary: Through this reporting period 40,789 monthly and one-time blocks of renewable energy have been purchased.

Program Description and Progress

Program Title: Common Expenses

Program Description: These are expenses common to all programs.

Program Accomplishments: January 1, 2016 to December 31, 2016

N/A

Program Fiscal Expenditures: January 1, 2016 to December 31, 2016

Actual expenses were \$947,273.

Program Progress Summary: N/A

CONSERVATION COSTS
PROJECTED

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FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170002-EG EXHIBIT: 17
PARTY: TAMPA ELECTRIC COMPANY
(Direct)
DESCRIPTION: Mark R. Roche MRR-2

2018 Residential Service Variable Pricing (RSVP-1) Rates (Cents per kWh)

Rate Tiers	Base Rate	Fuel	Capacity	Environmental	Conservation	Total Clauses	Base Rate Plus Clauses
P4	5.549	3.132	0.066	0.341	40.852	44.391	49.940
P3	5.549	3.132	0.066	0.341	6.906	10.445	15.994
P2	5.549	3.132	0.066	0.341	-1.058	2.481	8.030
P1	5.549	3.132	0.066	0.341	-3.002	0.537	6.086

C-1
 Page 1 of 1

TAMPA ELECTRIC COMPANY
 Energy Conservation Adjustment
 Summary of Cost Recovery Clause Calculation
 For Months January 2018 through December 2018

1. Total Incremental Cost (C-2, Page 1, Line 17)	40,312,775
2. Demand Related Incremental Costs	24,497,953
3. Energy Related Incremental Costs	15,814,822

RETAIL BY RATE CLASS

	<u>RS</u>	<u>GS,CS</u>	<u>GSD, SBF STANDARD</u>	<u>GSD OPTIONAL</u>	<u>IS</u>	<u>LS1</u>	<u>Total</u>
4. Demand Allocation Percentage	55.68%	5.21%	34.20%	1.62%	3.01%	0.28%	100.00%
5. Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	13,640,460	1,276,343	8,378,300	396,867	737,388	68,594	<u>24,497,953</u>
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.)	<u>1,084,714</u>	<u>101,497</u>	<u>666,258</u>	<u>31,560</u>	<u>58,638</u>	<u>5,455</u>	<u>1,948,122</u>
7. Total Demand Related Incremental Costs	<u>14,725,175</u>	<u>1,377,841</u>	<u>9,044,558</u>	<u>428,426</u>	<u>796,027</u>	<u>74,049</u>	<u>26,446,075</u>
8. Energy Allocation Percentage	47.46%	4.86%	40.27%	1.91%	4.53%	0.97%	100.00%
9. Net Energy Related Incremental Costs	7,505,715	768,600	6,368,629	302,063	716,411	153,404	<u>15,814,822</u>
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.)	<u>497,850</u>	<u>50,981</u>	<u>422,428</u>	<u>20,036</u>	<u>47,519</u>	<u>10,175</u>	<u>1,048,989</u>
11. Total Net Energy Related Incremental Costs	<u>8,003,565</u>	<u>819,581</u>	<u>6,791,057</u>	<u>322,099</u>	<u>763,931</u>	<u>163,579</u>	<u>16,863,811</u>
12. Total Incremental Costs (Line 5 + 9)	21,146,175	2,044,944	14,746,929	698,930	1,453,800	221,998	40,312,775
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.)	<u>1,582,565</u>	<u>152,478</u>	<u>1,088,686</u>	<u>51,595</u>	<u>106,158</u>	<u>15,630</u>	<u>2,997,111</u>
14. Total (Line 12 + 13)	<u>22,728,739</u>	<u>2,197,422</u>	<u>15,835,614</u>	<u>750,525</u>	<u>1,559,957</u>	<u>237,628</u>	<u>43,309,886</u>
15. Retail MWH Sales	9,247,032	947,710	7,873,825	373,897	911,875	189,780	19,544,119
16. Effective MWH at Secondary	9,247,032	947,710	7,873,825	373,897	911,875	189,780	19,544,119
17. Projected Billed KW at Meter	*	*	18,250,438	*	2,321,101	*	
18. Cost per KWH at Secondary (Line 14/Line 16)	0.24580	0.23187	*	0.20073	*	0.12521	
19. Revenue Tax Expansion Factor	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	
20. Adjustment Factor Adjusted for Taxes	0.2460	0.2320	*	0.2009	*	0.1253	
21. Conservation Adjustment Factor (cents/KWH)							
<u>RS, GS, CS, GSD Optional and LS1 Rates (cents/KWH) *</u>							
- Secondary	<u>0.246</u>	<u>0.232</u>		<u>0.201</u>		<u>0.125</u>	
- Primary				<u>0.199</u>			
- Subtransmission				<u>0.197</u>			
<u>GSD, SBF, IS Standard Rates (\$/KW) *</u>							
<u>Full Requirement</u>							
- Secondary	*	*	<u>0.87</u>	*	<u>0.67</u>	*	
- Primary	*	*	<u>0.86</u>	*	<u>0.67</u>	*	
- Subtransmission	*	*	<u>0.85</u>	*	<u>0.66</u>	*	

* (ROUNDED TO NEAREST .001 PER KWH or KW)

TAMPA ELECTRIC COMPANY
 Conservation Program Costs
 Estimated For Months January 2016 through December 2018
 ESTIMATED

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
12000353-12 Energy Audits (E)	225,353	219,871	221,114	216,459	216,255	222,923	247,862	252,064	257,988	228,959	216,173	214,886	2,743,727
12000381 Residential Ceiling Insulation	25,533	26,195	26,080	28,987	28,102	27,282	27,292	50,250	25,022	23,978	25,160	24,181	338,032
12000391 Residential Duct Repair	16,232	17,322	34,367	16,322	31,379	14,870	30,177	14,870	30,027	15,241	30,352	14,870	266,029
12000419 Residential Electronically Commutated Motor	0	0	0	0	0	0	0	0	220	0	0	0	220
12000375 Energy Education, Awareness and Agency	9,929	9,924	10,299	9,296	8,757	7,736	9,708	12,371	12,550	12,528	12,518	12,497	128,113
12000452 Energy Star Multi-Family	112	112	112	112	112	112	112	112	98,960	112	98,960	112	188,040
12000431 Energy Star for New Homes	76,450	76,445	77,450	84,960	86,565	84,960	76,450	84,960	76,450	78,945	76,585	77,980	958,600
12000348 Residential Heating and Cooling	63,448	50,943	53,589	53,509	49,808	57,018	62,998	62,998	48,732	48,727	49,748	48,678	651,176
12000425 Neighborhood Weatherization	546,560	532,828	533,686	540,611	533,686	533,611	540,686	533,611	533,686	540,611	533,686	533,611	6,438,873
12000433 Energy Planner	418,680	305,192	307,243	308,499	306,585	313,394	305,014	305,190	306,302	304,250	302,636	300,532	3,781,517
12000365 Residential Wall Insulation	0	206	0	259	207	207	207	207	207	259	207	207	2,173
12000367 Residential Window Replacement	40,179	40,099	49,028	49,033	49,103	57,415	57,420	39,558	39,558	39,638	39,828	39,828	540,687
12000351 Prime Time	2,411	2,411	2,411	2,411	2,411	2,411	2,411	2,411	2,411	2,411	2,411	2,411	28,932
12000397 Commercial Ceiling Insulation	1,410	118	1,410	118	1,410	118	1,410	118	1,410	118	118	118	7,876
12000411 Commercial Chiller	3,820	25	3,819	3,819	3,819	3,819	25	3,819	3,819	3,819	25	25	30,653
12000371 Cogeneration	4,064	3,534	3,887	3,711	4,064	3,711	3,887	4,064	3,534	4,064	3,887	3,711	46,118
12000389 Conservation Value	837	81,851	837	837	837	837	837	837	837	837	837	51,851	142,072
12000443 Cool Roof	23,391	11,721	35,062	35,062	23,391	11,721	11,721	11,721	11,721	23,391	23,391	11,721	234,014
12000429 Commercial Cooling	374	93	374	374	93	374	374	374	93	374	93	374	2,521
12000409 Demand Response	308,753	308,753	310,753	310,753	309,753	308,753	308,753	308,753	308,753	308,753	308,753	308,753	3,710,036
12000377 Commercial Duct Repair	1,223	0	1,223	0	2,446	2,446	0	0	1,223	0	1,223	2,446	12,230
12000441 Commercial ECM	1,669	585	585	585	585	585	585	585	1,625	585	585	1,669	11,268
12000379 Industrial Load Management (GLSM 2&3)	1,220,785	1,265,331	1,263,089	1,263,067	1,263,044	1,263,022	1,262,999	1,262,976	1,262,954	1,262,931	1,262,909	1,262,886	15,115,993
12000385 Lighting Conditioned Space	28,050	45,538	45,538	26,153	20,050	26,153	31,948	43,538	23,255	28,050	28,050	29,050	363,090
12003201 Lighting Non-Conditioned Space	12,809	4,805	3,203	9,609	4,805	6,406	8,008	9,609	8,008	6,406	4,805	4,805	83,278
12000413 Lighting Occupancy Sensors	1,776	25	25	955	1,776	1,076	1,076	1,898	955	955	25	955	11,497
12000383 CLIM (GLSM 1)	1,081	1,992	1,890	4,845	2,137	2,132	2,128	2,123	2,119	2,114	1,110	1,106	24,777
12000416 Refrigeration Anti-condensate Control	1,745	0	0	0	0	0	1,745	0	0	0	0	0	3,490
12000387 Standby Generator	267,364	270,364	268,864	268,864	268,864	268,864	270,364	270,364	271,864	270,364	270,364	270,364	3,238,868
12003202 Thermal Energy Storage	135	135	135	41,429	872	135	82,021	872	135	872	82,021	135	208,897
12000399 Commercial Wall Insulation	0	0	0	0	0	2,219	0	0	0	0	0	0	2,219
12000417 Commercial Water Heating	2,194	0	0	0	2,194	0	0	0	0	0	0	2,194	6,582
12000427 Conservation Research and Development	10,338	60,338	5,338	55,338	308	10,338	338	27,338	338	20,338	338	338	191,056
12000393 Renewable Energy Program	7,410	7,410	7,410	7,410	7,410	7,410	7,410	7,410	7,410	7,410	7,410	7,420	88,930
12000347 Common Expenses	55,451	52,988	56,607	54,923	114,607	63,323	104,686	56,607	63,532	57,797	55,369	54,221	790,121
Total All Programs	3,362,576	3,374,861	3,323,127	3,358,310	3,355,865	3,306,140	3,460,462	3,371,598	3,405,698	3,295,556	3,442,577	3,284,935	40,401,705
Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
Recoverable Conserv. Expenses	3,362,576	3,374,861	3,323,127	3,358,310	3,355,865	3,306,140	3,460,462	3,371,598	3,405,698	3,295,556	3,442,577	3,284,935	40,401,705
Less Renewable Energy Expenses	7,410	7,410	7,410	7,410	7,410	7,410	7,410	7,410	7,410	7,410	7,410	7,420	88,930
Total Conservation Expenses	3,375,166	3,367,451	3,315,717	3,350,900	3,348,455	3,298,730	3,453,052	3,364,188	3,398,288	3,288,146	3,435,167	3,277,515	40,312,775
Summary of Demand & Energy													
Energy	1,339,942	1,316,751	1,291,526	1,339,960	1,298,091	1,257,430	1,408,788	1,330,403	1,372,511	1,257,790	1,417,858	1,261,869	15,814,822
Demand	2,042,634	2,058,110	2,031,601	2,028,320	2,056,574	2,038,710	2,051,674	2,041,195	2,033,187	2,037,766	2,024,719	2,023,086	24,497,953
Total Recoverable Conserv. Expenses	3,365,576	3,374,861	3,323,127	3,368,310	3,355,665	3,306,140	3,460,462	3,371,598	3,405,698	3,295,556	3,442,577	3,284,935	40,312,775

TAMPA ELECTRIC COMPANY
 Conservation Program Costs

Estimated For Months January 2018 through December 2018

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
12000353- Energy Audits (E)	0	1,812,490	9,250	210,277	490,000	0	171,920	49,790	0	2,743,727
12000381 Residential Ceiling Insulation	0	64,592	400	0	0	271,200	715	2,125	0	339,032
12000391 Residential Duct Repair	0	48,434	400	0	0	213,600	900	1,695	0	266,029
12000419 Residential Electronically Commutated Motors	0	0	0	105	0	115	0	0	0	220
12000375 Energy Education, Awareness and Agency Outreach	27,710	66,953	5,400	11,190	0	0	2,400	12,460	0	128,113
12004152 Energy Star Multi-Family	0	3,990	0	0	0	195,000	50	10	0	199,040
12000431 Energy Star for New Homes	0	32,070	0	2,000	850,000	600	73,930	0	0	956,600
12000349 Residential Heating and Cooling	0	108,606	0	0	540,000	600	1,970	0	0	651,176
12000425 Neighborhood Weatherization	0	255,084	339,060	879,423	0	4,961,256	2,400	1,650	0	6,436,873
12000433 Energy Planner	1,443,148	894,360	50,940	712,357	480,000	0	60,492	140,220	0	3,781,517
12000365 Residential Wall Insulation	0	393	0	0	0	1,760	20	0	0	2,173
12000367 Residential Window Replacement	0	63,317	0	0	0	477,125	0	245	0	540,687
12000351 Prime Time	0	9,732	0	18,000	0	0	0	1,200	0	28,932
12000397 Commercial Ceiling Insulation	0	2,776	0	0	0	4,500	600	0	0	7,876
12000411 Commercial Chiller	0	2,353	0	0	0	28,000	300	0	0	30,653
12000371 Cogeneration	0	46,118	0	0	0	0	0	0	0	46,118
12000389 Conservation Value	0	5,268	0	6,504	0	130,000	300	0	0	142,072
12000443 Cool Roof	0	33,414	0	0	0	200,000	600	0	0	234,014
12000429 Commercial Cooling	0	1,421	0	0	0	800	300	0	0	2,521
12000409 Demand Response	0	32,436	0	0	0	3,672,000	600	5,000	0	3,710,036
12000377 Commercial Duct Repair	0	4,730	0	0	0	7,500	0	0	0	12,230
12000441 Commercial ECM	0	2,768	0	0	0	8,400	100	0	0	11,268
12000379 Industrial Load Management (GLSM 2&3)	44,369	16,224	0	0	0	15,051,200	1,200	3,000	0	15,115,993
12000385 Lighting Conditioned Space	0	99,690	0	0	0	262,500	600	300	0	363,090
12003201 Lighting Non-Conditioned Space	0	40,078	0	0	0	43,200	0	0	0	83,278
12000413 Lighting Occupancy Sensors	0	2,797	0	0	0	8,400	300	0	0	11,497
12000383 CLIM (GLSM 1)	7,778	9,999	0	0	0	7,000	0	0	0	24,777
12000415 Refrigeration Anti-condensate Control	0	440	0	0	0	3,000	50	0	0	3,490
12000387 Standby Generator	0	89,208	0	94,800	0	3,049,500	360	3,000	0	3,236,868
12003202 Thermal Energy Storage	0	5,637	0	2,960	0	200,000	300	0	0	208,897
12000399 Commercial Well Insulation	0	169	0	0	0	2,000	50	0	0	2,219
12000417 Commercial Water Heating	0	507	0	0	0	6,000	75	0	0	6,582
12000427 Conservation Research and Development	0	4,056	0	187,000	0	0	0	0	0	191,056
12000393 Renewable Energy Program	0	32,436	0	200,000	15,000	0	0	1,000	(159,506)	86,930
12000347 Common Expenses	0	497,761	0	206,000	0	0	0	84,360	0	790,121
Total All Programs	1,523,005	4,236,297	405,450	2,530,616	997,000	30,194,056	245,632	381,955	(159,506)	40,401,705
Less Renewable Energy Expenses	0	32,436	0	200,000	15,000	0	0	1,000	(159,506)	86,930
Total Conservation Expenses	1,523,005	4,268,861	405,450	2,330,616	972,000	30,194,056	245,632	380,955	0	40,312,774
Summary of Demand & Energy										
Energy	749,284	3,405,173	379,990	1,664,137	732,000	8,414,356	213,426	256,465	0	15,814,821
Demand	773,721	855,688	25,470	966,479	240,000	21,779,700	32,406	124,490	0	24,497,953
Total All Programs	1,523,005	4,260,861	405,460	2,330,616	972,000	30,194,056	245,632	380,955	0	40,312,774

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated For Months January 2018 through December 2018
PRICE RESPONSIVE LOAD MANAGEMENT

Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment	85,000	85,000	85,000	85,000	85,000	85,000	85,000	85,000	85,000	85,000	85,000	85,000	1,020,000
2. Retirements	10,220	8,662	12,241	124,686	185,690	(3,893)	154,253	(26,740)	47,210	359,306	164,738	65,788	1,102,161
3. Depreciation Base	6,071,628	6,147,966	6,220,725	6,181,039	6,080,349	6,169,242	6,099,989	6,211,729	6,249,519	5,975,213	5,895,475	5,914,687	
4. Depreciation Expense	<u>100,571</u>	<u>101,830</u>	<u>103,072</u>	<u>103,348</u>	<u>102,178</u>	<u>102,080</u>	<u>102,244</u>	<u>102,598</u>	<u>103,844</u>	<u>101,873</u>	<u>98,922</u>	<u>98,418</u>	<u>1,220,978</u>
5. Cumulative Investment	5,996,848	6,071,628	6,220,725	6,181,039	6,080,349	6,169,242	6,099,989	6,211,729	6,249,519	5,975,213	5,895,475	5,914,687	
6. Less: Accumulated Depreciation	3,369,408	<u>3,459,759</u>	<u>3,643,758</u>	<u>3,622,420</u>	<u>3,538,908</u>	<u>3,644,881</u>	<u>3,592,872</u>	<u>3,722,210</u>	<u>3,778,844</u>	<u>3,521,411</u>	<u>3,455,595</u>	<u>3,488,225</u>	<u>3,488,225</u>
7. Net Investment	<u>2,611,869</u>	<u>2,595,039</u>	<u>2,576,967</u>	<u>2,558,619</u>	<u>2,541,441</u>	<u>2,524,361</u>	<u>2,507,117</u>	<u>2,489,519</u>	<u>2,470,675</u>	<u>2,453,802</u>	<u>2,439,880</u>	<u>2,426,462</u>	<u>2,426,462</u>
8. Average Investment	2,619,655	2,603,454	2,586,003	2,567,793	2,550,030	2,532,901	2,515,739	2,498,318	2,480,097	2,462,239	2,446,841	2,433,171	
9. Return on Average Investment - Equity Component	15,290	15,195	15,094	14,987	14,884	14,784	14,684	14,582	14,475	14,371	14,281	14,202	176,829
10. Return on Average Investment - Debt Component	<u>3,921</u>	<u>3,896</u>	<u>3,870</u>	<u>3,843</u>	<u>3,816</u>	<u>3,791</u>	<u>3,765</u>	<u>3,739</u>	<u>3,712</u>	<u>3,685</u>	<u>3,662</u>	<u>3,641</u>	<u>45,341</u>
11. Total Depreciation and Return	<u>119,782</u>	<u>120,921</u>	<u>122,036</u>	<u>122,178</u>	<u>120,878</u>	<u>120,655</u>	<u>120,693</u>	<u>120,919</u>	<u>122,031</u>	<u>119,929</u>	<u>116,865</u>	<u>116,261</u>	<u>1,443,148</u>

NOTES:

Note: Depreciation expense is calculated using a useful life of 60 months.

Line 9 x 7.0040% 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 1.7959% x 1/12 (Jan-Dec).

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated For Months January 2018 through December 2018
INDUSTRIAL LOAD MANAGEMENT

Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment	65,000	65,000	0	0	0	0	0	0	0	0	0	0	130,000
2. Retirements	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base	120,126	185,126	185,126	185,126	185,126	185,126	185,126	185,126	185,126	185,126	185,126	185,126	185,126
4. Depreciation Expense	<u>1,460</u>	<u>2,544</u>	<u>3,085</u>	<u>34,854</u>									
5. Cumulative Investment	120,126	185,126	185,126	185,126	185,126	185,126	185,126	185,126	185,126	185,126	185,126	185,126	185,126
6. Less: Accumulated Depreciation	<u>51,103</u>	<u>53,647</u>	<u>56,732</u>	<u>59,817</u>	<u>62,902</u>	<u>65,987</u>	<u>69,072</u>	<u>72,157</u>	<u>75,242</u>	<u>78,327</u>	<u>81,412</u>	<u>84,497</u>	<u>84,497</u>
7. Net Investment	<u>69,023</u>	<u>131,479</u>	<u>128,394</u>	<u>125,309</u>	<u>122,224</u>	<u>119,139</u>	<u>116,054</u>	<u>112,969</u>	<u>109,884</u>	<u>106,799</u>	<u>103,714</u>	<u>100,629</u>	<u>100,629</u>
8. Average Investment	37,253	100,251	129,937	126,852	123,767	120,682	117,597	114,512	111,427	108,342	105,257	102,172	7,572
9. Return on Average Investment - Equity Component	217	585	758	740	722	704	686	668	650	632	614	596	7,572
10. Return on Average Investment - Debt Component	<u>56</u>	<u>150</u>	<u>194</u>	<u>190</u>	<u>185</u>	<u>181</u>	<u>176</u>	<u>171</u>	<u>167</u>	<u>162</u>	<u>158</u>	<u>153</u>	<u>1,943</u>
11. Total Depreciation and Return	<u>1,733</u>	<u>3,279</u>	<u>4,037</u>	<u>4,015</u>	<u>3,992</u>	<u>3,970</u>	<u>3,947</u>	<u>3,924</u>	<u>3,902</u>	<u>3,879</u>	<u>3,857</u>	<u>3,834</u>	<u>44,369</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
Line 9 x 7.0040% 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 1.7959% x 1/12 (Jan-Dec).

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated For Months January 2018 through December 2018
ENERGY EDUCATION AWARENESS AND AGENCY OUTREACH

Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment	0	0	0	0	0	0	140,000	0	0	0	0	0	140,000
2. Retirements	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base	35,000	35,000	35,000	35,000	35,000	35,000	175,000	175,000	175,000	175,000	175,000	175,000	175,000
4. Depreciation Expense	<u>583</u>	<u>583</u>	<u>583</u>	<u>583</u>	<u>583</u>	<u>583</u>	<u>1,750</u>	<u>2,917</u>	<u>2,917</u>	<u>2,917</u>	<u>2,917</u>	<u>2,917</u>	<u>19,833</u>
5. Cumulative Investment	35,000	35,000	35,000	35,000	35,000	35,000	175,000	175,000	175,000	175,000	175,000	175,000	175,000
6. Less: Accumulated Depreciation	<u>3,790</u>	<u>4,373</u>	<u>4,956</u>	<u>5,539</u>	<u>6,122</u>	<u>6,705</u>	<u>8,455</u>	<u>11,372</u>	<u>14,289</u>	<u>17,206</u>	<u>20,123</u>	<u>23,040</u>	<u>23,040</u>
7. Net Investment	<u>31,210</u>	<u>30,627</u>	<u>30,044</u>	<u>29,461</u>	<u>28,878</u>	<u>28,295</u>	<u>166,545</u>	<u>163,628</u>	<u>160,711</u>	<u>157,794</u>	<u>154,877</u>	<u>151,960</u>	<u>151,960</u>
8. Average Investment	31,502	30,919	30,336	29,753	29,170	28,587	97,420	165,087	162,170	159,253	156,336	153,419	
9. Return on Average Investment - Equity Component	184	180	177	174	170	167	569	964	947	930	912	895	6,269
10. Return on Average Investment - Debt Component	<u>47</u>	<u>46</u>	<u>45</u>	<u>45</u>	<u>44</u>	<u>43</u>	<u>146</u>	<u>247</u>	<u>243</u>	<u>238</u>	<u>234</u>	<u>230</u>	<u>1,608</u>
11. Total Depreciation and Return	<u>814</u>	<u>809</u>	<u>805</u>	<u>802</u>	<u>797</u>	<u>793</u>	<u>2,465</u>	<u>4,128</u>	<u>4,107</u>	<u>4,085</u>	<u>4,063</u>	<u>4,042</u>	<u>27,710</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
Line 9 x 7.0040% 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 1.7959% x 1/12 (Jan-Dec).

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated For Months January 2018 through December 2018
COMMERCIAL LOAD MANAGEMENT

Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment	0	8,400	5,600	22,400	0	0	0	0	0	0	0	0	36,400
2. Retirements	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base	0	8,400	14,000	36,400	36,400	36,400	36,400	36,400	36,400	36,400	36,400	36,400	36,400
4. Depreciation Expense	0	<u>70</u>	<u>187</u>	<u>420</u>	<u>607</u>	<u>5,533</u>							
5. Cumulative Investment	0	8,400	14,000	36,400	36,400	36,400	36,400	36,400	36,400	36,400	36,400	36,400	36,400
6. Less: Accumulated Depreciation	0	<u>70</u>	<u>257</u>	<u>677</u>	<u>1,284</u>	<u>1,891</u>	<u>2,498</u>	<u>3,105</u>	<u>3,712</u>	<u>4,319</u>	<u>4,926</u>	<u>5,533</u>	<u>5,533</u>
7. Net Investment	0	<u>8,330</u>	<u>13,743</u>	<u>35,723</u>	<u>35,116</u>	<u>34,509</u>	<u>33,902</u>	<u>33,295</u>	<u>32,688</u>	<u>32,081</u>	<u>31,474</u>	<u>30,867</u>	<u>30,867</u>
8. Average Investment	0	4,165	11,037	24,733	35,420	34,813	34,206	33,599	32,992	32,385	31,778	31,171	1,787
9. Return on Average Investment - Equity Component	0	24	64	144	207	203	200	196	193	189	185	182	1,787
10. Return on Average Investment - Debt Component	0	<u>6</u>	<u>17</u>	<u>37</u>	<u>53</u>	<u>52</u>	<u>51</u>	<u>50</u>	<u>49</u>	<u>48</u>	<u>48</u>	<u>47</u>	<u>458</u>
11. Total Depreciation and Return	0	<u>100</u>	<u>268</u>	<u>601</u>	<u>867</u>	<u>862</u>	<u>858</u>	<u>853</u>	<u>849</u>	<u>844</u>	<u>840</u>	<u>836</u>	<u>7,778</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
Line 9 x 7.0040% 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 1.7959% x 1/12 (Jan-Dec).

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TAMPA ELECTRIC COMPANY
 Conservation Program Costs

Actual for Months January 2017 through June 2017
 Projected for Months July 2017 through December 2017

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
12000353-1; Energy Audits (E)										
2 Actual	0	648,544	16,541	16,755	290,961	0	39,020	18,809	0	1,030,630
3 Projected	0	<u>961,820</u>	<u>6,315</u>	<u>179,108</u>	<u>550,047</u>	0	<u>65,858</u>	<u>17,370</u>	0	<u>1,780,518</u>
4 Total	0	1,610,364	22,856	195,863	841,008	0	104,878	36,179	0	2,811,148
12000381 Residential Ceiling Insulation										
6 Actual	0	42,338	67	0	0	126,924	1,383	1,098	0	171,810
7 Projected	0	<u>28,336</u>	<u>250</u>	0	0	<u>99,840</u>	<u>2,500</u>	<u>40</u>	0	<u>130,966</u>
8 Total	0	70,674	317	0	0	226,764	3,883	1,138	0	302,776
12000391 Residential Duct Repair										
10 Actual	0	25,922	67	0	0	81,165	1,206	15	0	108,375
11 Projected	0	<u>15,124</u>	<u>225</u>	0	0	<u>89,250</u>	<u>2,680</u>	<u>80</u>	0	<u>107,359</u>
12 Total	0	41,046	292	0	0	170,415	3,886	95	0	215,734
12000419 Residential Electronically Commutated Motors										
14 Actual	0	36	0	0	0	0	0	0	0	36
15 Projected	0	0	0	105	0	115	0	0	0	<u>220</u>
16 Total	0	36	0	105	0	115	0	0	0	256
12000375 Energy Education, Awareness and Agency Outreach										
18 Actual	0	16,384	14,127	4,620	0	0	637	8,741	0	44,509
19 Projected	<u>4,554</u>	<u>32,008</u>	<u>650</u>	<u>9,534</u>	0	0	<u>22,400</u>	<u>5,320</u>	0	<u>74,466</u>
20 Total	4,554	48,392	14,777	14,154	0	0	23,037	14,061	0	118,975
12004152 Energy Star Multi-Family										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	<u>406</u>	0	0	0	<u>97,500</u>	<u>25</u>	<u>200</u>	0	<u>98,131</u>
Total	0	406	0	0	0	97,500	25	200	0	98,131
12000431 Energy Star for New Homes										
22 Actual	0	14,979	0	0	0	242,250	298	2,190	0	259,717
23 Projected	0	<u>14,502</u>	0	<u>369</u>	0	<u>255,000</u>	<u>450</u>	<u>3,300</u>	0	<u>273,621</u>
24 Total	0	29,481	0	369	0	497,250	748	5,490	0	533,338
12000349 Residential Heating and Cooling										
26 Actual	0	42,013	2,458	0	0	222,750	335	137	0	267,693
27 Projected	0	<u>30,411</u>	0	<u>5,358</u>	0	<u>236,250</u>	<u>350</u>	0	0	<u>272,369</u>
28 Total	0	72,424	2,458	5,358	0	459,000	685	137	0	540,062
12000425 Neighborhood Weatherization										
30 Actual	0	83,493	168,618	326,969	0	920,888	5,545	2,562	0	1,508,075
31 Projected	0	<u>50,529</u>	<u>282,228</u>	<u>468,505</u>	0	<u>2,725,380</u>	<u>5,600</u>	<u>2,025</u>	0	<u>3,534,267</u>
32 Total	0	134,022	450,846	795,474	0	3,646,268	11,145	4,587	0	5,042,342
12000433 Energy Planner										
34 Actual	711,255	412,386	5,847	764,928	113,971	0	30,490	149,023	0	2,187,900
35 Projected	<u>704,644</u>	<u>599,508</u>	<u>12,000</u>	<u>482,948</u>	<u>132,000</u>	0	<u>30,246</u>	<u>230,790</u>	0	<u>2,192,136</u>
36 Total	1,415,899	1,011,894	17,847	1,247,876	245,971	0	60,736	379,813	0	4,380,036
12000365 Residential Wall Insulation										
38 Actual	0	95	0	0	0	155	3	0	0	253
39 Projected	0	<u>56</u>	0	0	0	<u>528</u>	<u>30</u>	0	0	<u>614</u>
40 Total	0	151	0	0	0	683	33	0	0	867
12000367 Residential Window Replacement										
42 Actual	0	39,828	0	0	0	271,826	354	1,247	0	313,255
43 Projected	0	<u>28,993</u>	0	0	0	<u>273,600</u>	<u>415</u>	<u>5</u>	0	<u>303,013</u>
44 Total	0	68,821	0	0	0	545,426	769	1,252	0	616,268
12000421 Residential HVAC Re-Commissioning										
46 Actual	0	0	0	0	0	0	0	0	0	0
47 Projected	0	0	0	0	0	0	0	0	0	0
48 Total	0	0	0	0	0	0	0	0	0	0
12000373 Residential Window Film										
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
12000351 Prime Time										
54 Actual	0	4,388	0	10,496	0	0	0	0	0	14,884
55 Projected	0	<u>4,458</u>	0	<u>10,500</u>	0	0	0	<u>450</u>	0	<u>15,408</u>
56 Total	0	8,846	0	20,996	0	0	0	450	0	30,292
12000397 Commercial Ceiling Insulation										
58 Actual	0	585	0	0	0	645	26	0	0	1,256
59 Projected	0	<u>1,312</u>	0	0	0	<u>2,700</u>	<u>100</u>	0	0	<u>4,112</u>
60 Total	0	1,897	0	0	0	3,345	126	0	0	5,368
12000411 Commercial Chiller										
62 Actual	0	2,036	0	0	0	20,479	11	0	0	22,526
63 Projected	0	<u>784</u>	0	0	0	<u>10,500</u>	<u>100</u>	0	0	<u>11,384</u>
64 Total	0	2,820	0	0	0	30,979	111	0	0	33,910

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TAMPA ELECTRIC COMPANY
 Conservation Program Costs

Actual for Months January 2017 through June 2017
 Projected for Months July 2017 through December 2017

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
TAMPA ELECTRIC COMPANY Conservation Program Costs										
Actual for Months January 2017 through June 2017 Projected for Months July 2017 through December 2017										
12000371 Cogeneration										
66 Actual	0	33,915	0	0	0	0	164	8,061	0	42,140
67 Projected	0	<u>22,303</u>	0	0	0	0	0	0	0	<u>22,303</u>
68 Total	0	56,218	0	0	0	0	164	8,061	0	64,443
12000389 Conservation Value										
70 Actual	0	1,150	0	0	0	0	0	0	0	1,150
71 Projected	0	<u>5,475</u>	0	<u>3,252</u>	0	<u>60,000</u>	<u>150</u>	0	0	<u>68,877</u>
72 Total	0	6,625	0	3,252	0	60,000	150	0	0	70,027
12000443 Cool Roof										
74 Actual	0	10,771	432	0	0	157,108	24	0	0	168,335
75 Projected	0	<u>16,707</u>	0	0	0	<u>87,700</u>	<u>300</u>	0	0	<u>104,707</u>
76 Total	0	27,478	432	0	0	244,808	324	0	0	273,042
12000429 Commercial Cooling										
78 Actual	0	2,812	0	0	0	0	0	0	0	2,812
79 Projected	0	<u>650</u>	0	0	0	<u>320</u>	<u>150</u>	0	0	<u>1,120</u>
80 Total	0	3,462	0	0	0	320	150	0	0	3,932
12000409 Demand Response										
82 Actual	0	9,225	0	1,530,000	0	0	110	3,504	0	1,542,839
83 Projected	0	<u>16,218</u>	0	0	0	<u>1,836,000</u>	<u>300</u>	0	0	<u>1,852,518</u>
84 Total	0	25,443	0	1,530,000	0	1,836,000	410	3,504	0	3,395,357
12000377 Commercial Duct Repair										
86 Actual	0	2,291	0	0	0	0	0	0	0	2,291
87 Projected	0	<u>568</u>	0	0	0	<u>900</u>	<u>75</u>	0	0	<u>1,543</u>
88 Total	0	2,859	0	0	0	900	75	0	0	3,834
12000441 Commercial ECM										
90 Actual	0	2,442	0	0	0	2,060	0	0	0	4,502
91 Projected	0	<u>1,750</u>	0	<u>500</u>	0	<u>4,225</u>	<u>50</u>	0	0	<u>6,525</u>
92 Total	0	4,192	0	500	0	6,285	50	0	0	11,027
12000379 Industrial Load Management (GLSM 2&3)										
94 Actual	6,136	7,683	97,516	11,763	0	8,511,919	18,881	2,793	0	8,656,691
95 Projected	<u>5,877</u>	<u>8,112</u>	0	0	0	<u>7,305,600</u>	<u>600</u>	0	0	<u>7,320,189</u>
96 Total	12,013	15,795	97,516	11,763	0	15,817,519	19,481	2,793	0	15,976,880
12000385 Lighting Conditioned Space										
98 Actual	0	31,483	678	0	0	215,784	648	2,074	0	250,667
99 Projected	0	<u>54,231</u>	0	0	0	<u>192,798</u>	<u>300</u>	<u>150</u>	0	<u>247,479</u>
100 Total	0	85,714	678	0	0	408,582	948	2,224	0	498,146
12003201 Lighting Non-Conditioned Space										
102 Actual	0	19,038	0	0	0	66,542	276	54	0	<u>85,910</u>
103 Projected	0	<u>20,841</u>	0	0	0	<u>47,502</u>	0	0	0	<u>68,343</u>
104 Total	0	39,879	0	0	0	114,044	276	54	0	154,253
12000413 Lighting Occupancy Sensors										
106 Actual	0	0	0	0	0	17,600	11	0	0	17,611
107 Projected	0	<u>703</u>	0	0	0	<u>2,800</u>	<u>50</u>	0	0	<u>3,553</u>
108 Total	0	703	0	0	0	20,400	61	0	0	21,164
12000383 CILM (GLSM 1)										
110 Actual	0	0	0	0	0	2,790	0	0	0	2,790
111 Projected	0	0	0	0	0	<u>4,000</u>	0	0	0	<u>4,000</u>
112 Total	0	0	0	0	0	6,790	0	0	0	6,790
12000415 Refrigeration Anti-condensate Control										
114 Actual	0	96	0	0	0	0	19	0	0	115
115 Projected	0	<u>220</u>	0	0	0	<u>1,500</u>	<u>25</u>	0	0	<u>1,745</u>
116 Total	0	316	0	0	0	1,500	44	0	0	1,860
12000387 Standby Generator										
118 Actual	0	18,898	146	0	0	1,459,627	34	0	0	1,478,705
119 Projected	0	<u>82,452</u>	<u>75,000</u>	<u>303,700</u>	0	<u>1,510,000</u>	<u>180</u>	0	0	<u>1,971,332</u>
120 Total	0	101,350	75,146	303,700	0	2,969,627	214	0	0	3,450,037
12003202 Thermal Energy Storage										
122 Actual	0	529	0	0	0	10,100	2	0	0	10,631
123 Projected	0	<u>3,002</u>	0	<u>592</u>	0	<u>90,100</u>	<u>50</u>	0	0	<u>93,744</u>
124 Total	0	3,531	0	592	0	100,200	52	0	0	104,375
12000399 Commercial Wall Insulation										
126 Actual	0	0	0	0	0	0	0	0	0	0
127 Projected	0	0	0	0	0	0	0	0	0	0
128 Total	0	0	0	0	0	0	0	0	0	0

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TAMPA ELECTRIC COMPANY
Conservation Program Costs

Actual for Months January 2017 through June 2017
Projected for Months July 2017 through December 2017

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
TAMPA ELECTRIC COMPANY Conservation Program Costs										
Actual for Months January 2017 through June 2017 Projected for Months July 2017 through December 2017										
12000417 Commercial Water Heating										
130 Actual	0	148	0	0	0	0	0	0	0	148
131 Projected	0	<u>169</u>	0	0	0	<u>2,000</u>	<u>25</u>	0	0	<u>2,194</u>
132 Total	0	317	0	0	0	2,000	25	0	0	2,342
12000427 Conservation Research and Development										
134 Actual	0	2,521	0	0	0	0	0	0	0	2,521
135 Projected	0	<u>4,056</u>	0	<u>67,036</u>	0	<u>22,964</u>	<u>400</u>	<u>3,300</u>	0	<u>97,756</u>
136 Total	0	6,577	0	67,036	0	22,964	400	3,300	0	100,277
12000393 Renewable Energy Program										
138 Actual	0	2,814	0	7,895	0	0	0	970	(78,575)	(66,896)
139 Projected	0	<u>16,218</u>	0	<u>300,000</u>	0	0	0	0	<u>(76,374)</u>	<u>239,844</u>
140 Total	0	19,032	0	307,895	0	0	0	970	(154,949)	172,948
12000403-1; Renewable Energy Systems Initiative										
142 Actual	0	0	0	0	0	0	0	0	0	0
143 Projected	0	0	0	0	0	0	0	0	0	0
144 Total	0	0	0	0	0	0	0	0	0	0
12000437 Commercial Exit Signs										
142 Actual	0	0	0	0	0	0	0	0	0	0
143 Projected	0	0	0	0	0	0	0	0	0	0
144 Total	0	0	0	0	0	0	0	0	0	0
12000439 Commercial HVAC Re-commissioning										
142 Actual	0	0	0	0	0	0	0	0	0	0
143 Projected	0	0	0	0	0	0	0	0	0	0
144 Total	0	0	0	0	0	0	0	0	0	0
12000401 Commercial Motors										
142 Actual	0	0	0	0	0	0	0	0	0	0
143 Projected	0	0	0	0	0	0	0	0	0	0
144 Total	0	0	0	0	0	0	0	0	0	0
12000435 Commercial Roof Insulation										
142 Actual	0	0	0	0	0	0	0	0	0	0
143 Projected	0	0	0	0	0	0	0	0	0	0
144 Total	0	0	0	0	0	0	0	0	0	0
12000395 Commercial Window Film										
142 Actual	0	0	0	0	0	0	0	0	0	0
143 Projected	0	0	0	0	0	0	0	0	0	0
144 Total	0	0	0	0	0	0	0	0	0	0
12000347 Common Expenses										
142 Actual	0	325,924	615	73,300	10,820	0	503	83,312	0	494,474
143 Projected	0	<u>307,643</u>	0	<u>111,390</u>	0	0	<u>200</u>	<u>40,442</u>	0	<u>459,675</u>
144 Total	0	633,567	615	184,690	10,820	0	703	123,754	0	954,149
137 Total All Programs	<u>1,432,466</u>	<u>4,133,926</u>	<u>683,780</u>	<u>4,689,623</u>	<u>1,097,799</u>	<u>27,192,184</u>	<u>233,564</u>	<u>587,862</u>	<u>(154,949)</u>	<u>39,994,386</u>
Less Renewable Energy	0	<u>19,032</u>	0	<u>307,895</u>	0	0	0	<u>970</u>	<u>(154,949)</u>	<u>172,948</u>
Total Conservation Expense	<u>1,432,466</u>	<u>4,114,894</u>	<u>683,780</u>	<u>4,381,728</u>	<u>1,097,799</u>	<u>27,192,184</u>	<u>233,564</u>	<u>586,892</u>	0	<u>39,821,438</u>

TAMPA ELECTRIC COMPANY
 Schedule of Capital Investment, Depreciation and Return
 Actual for Months January 2017 through June 2017
 Projected for Months July 2017 through December 2017

PRICE RESPONSIVE LOAD MANAGEMENT

	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
		Actual	Actual	Actual	Actual	Actual	Actual	Projected	Projected	Projected	Projected	Projected	Projected	
1. Investment		1,050	61,066	23,034	52,216	47,726	44,093	85,000	85,000	85,000	85,000	85,000	85,000	739,185
2. Retirements		96,654	112,575	160,676	21,432	20,915	101,805	0	27,546	58,804	106,677	22,187	22,405	751,675
3. Depreciation Base		5,913,735	5,862,226	5,724,584	5,755,368	5,782,179	5,724,467	5,809,467	5,866,921	5,893,117	5,871,440	5,934,253	5,996,848	
4. Depreciation Expense		<u>99,359</u>	<u>98,133</u>	<u>96,557</u>	<u>95,666</u>	<u>96,146</u>	<u>95,889</u>	<u>96,116</u>	<u>97,303</u>	<u>98,000</u>	<u>98,038</u>	<u>98,381</u>	<u>99,426</u>	<u>1,169,014</u>
5. Cumulative Investment	6,009,339	5,913,735	5,862,226	5,724,584	5,755,368	5,782,179	5,724,467	5,809,467	5,866,921	5,893,117	5,871,440	5,934,253	5,996,848	5,996,848
6. Less: Accumulated Depreciation	2,952,069	<u>2,954,775</u>	<u>2,940,333</u>	<u>2,876,214</u>	<u>2,950,448</u>	<u>3,025,679</u>	<u>3,019,763</u>	<u>3,115,879</u>	<u>3,185,636</u>	<u>3,224,832</u>	<u>3,216,193</u>	<u>3,292,387</u>	<u>3,369,408</u>	<u>3,369,408</u>
7. Net Investment	3,057,269	2,958,960	2,921,893	2,848,370	2,804,920	2,756,500	2,704,704	2,693,588	2,681,285	2,668,285	2,655,247	2,641,866	2,627,440	2,627,440
8. Average Investment	3,008,115	2,940,427	2,885,132	2,826,645	2,780,710	2,730,602	2,699,146	2,687,437	2,674,785	2,674,785	2,661,766	2,648,557	2,634,653	
9. Return on Average Investment - Equity Component	17,632	17,235	16,911	16,568	16,299	16,005	15,754	15,686	15,686	15,612	15,536	15,459	15,378	194,075
10. Return on Average Investment - Debt Component	5,055	4,941	4,848	4,750	4,673	4,588	4,039	4,022	4,022	4,003	3,984	3,964	3,943	52,610
Total Depreciation and Return		<u>122,046</u>	<u>120,309</u>	<u>118,316</u>	<u>116,984</u>	<u>117,118</u>	<u>116,482</u>	<u>115,909</u>	<u>117,011</u>	<u>117,615</u>	<u>117,558</u>	<u>117,804</u>	<u>118,747</u>	<u>1,415,899</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Line 9 x 7.0040% 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 1.7959% x 1/12 (Jul-Dec).

TAMPA ELECTRIC COMPANY
 Schedule of Capital Investment, Depreciation and Return
 Actual for Months January 2017 through June 2017
 Projected for Months July 2017 through December 2017

INDUSTRIAL LOAD MANAGEMENT

	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
		Actual	Actual	Actual	Actual	Actual	Actual	Projected	Projected	Projected	Projected	Projected	Projected	
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	55,126
4. Depreciation Expense		<u>919</u>	<u>11,028</u>											
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	38,615	<u>39,534</u>	<u>40,453</u>	<u>41,372</u>	<u>42,291</u>	<u>43,210</u>	<u>44,129</u>	<u>45,048</u>	<u>45,967</u>	<u>46,886</u>	<u>47,805</u>	<u>48,724</u>	<u>49,643</u>	<u>49,643</u>
7. Net Investment	<u>16,511</u>	<u>15,592</u>	<u>14,673</u>	<u>13,754</u>	<u>12,835</u>	<u>11,916</u>	<u>10,997</u>	<u>10,078</u>	<u>9,159</u>	<u>8,240</u>	<u>7,321</u>	<u>6,402</u>	<u>5,483</u>	<u>5,483</u>
8. Average Investment	16,051	15,133	14,214	13,295	12,376	11,457	10,538	9,619	8,700	7,781	6,862	5,943	5,024	5,024
9. Return on Average Investment - Equity Component	94	89	83	78	73	67	62	56	51	45	40	35	30	773
10. Return on Average Investment - Debt Component	<u>27</u>	<u>25</u>	<u>24</u>	<u>22</u>	<u>21</u>	<u>19</u>	<u>16</u>	<u>14</u>	<u>13</u>	<u>12</u>	<u>10</u>	<u>9</u>	<u>9</u>	<u>212</u>
Total Depreciation and Return		<u>1,040</u>	<u>1,033</u>	<u>1,026</u>	<u>1,019</u>	<u>1,013</u>	<u>1,005</u>	<u>997</u>	<u>989</u>	<u>983</u>	<u>976</u>	<u>969</u>	<u>963</u>	<u>12,013</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
 Line 9 x 7.0040% 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 1.7959% x 1/12 (Jul-Dec).

TAMPA ELECTRIC COMPANY
 Schedule of Capital Investment, Depreciation and Return
 Actual for Months January 2017 through June 2017
 Projected for Months July 2017 through December 2017

ENERGY EDUCATION AWARENESS AND AGENCY OUTREACH

	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
		Actual	Actual	Actual	Actual	Actual	Actual	Projected	Projected	Projected	Projected	Projected	Projected	
1. Investment		0	0	0	0	0	0	35,000	0	0	0	0	0	35,000
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		0	0	0	0	0	0	35,000	35,000	35,000	35,000	35,000	35,000	35,000
4. Depreciation Expense		0	0	0	0	0	0	292	583	583	583	583	583	3,207
5. Cumulative Investment	0	0	0	0	0	0	0	35,000	35,000	35,000	35,000	35,000	35,000	35,000
6. Less: Accumulated Depreciation	0	0	0	0	0	0	0	292	875	1,458	2,041	2,624	3,207	3,207
7. Net Investment	0	0	0	0	0	0	0	34,708	34,125	33,542	32,959	32,376	31,793	31,793
8. Average Investment		0	0	0	0	0	0	17,354	34,417	33,834	33,251	32,668	32,085	
9. Return on Average Investment - Equity Component		0	0	0	0	0	0	101	201	197	194	191	187	1,071
10. Return on Average Investment - Debt Component		0	0	0	0	0	0	26	52	51	50	49	48	276
Total Depreciation and Return		0	0	0	0	0	0	419	836	831	827	823	818	4,554

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
 Line 9 x 7.00040% 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 1.7959% x 1/12 (Jul-Dec).

TAMPA ELECTRIC COMPANY
 Schedule of Capital Investment, Depreciation and Return
 Actual for Months January 2017 through June 2017
 Projected for Months July 2017 through December 2017

COMMERCIAL LOAD MANAGEMENT

	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
		Actual	Actual	Actual	Actual	Actual	Actual	Projected	Projected	Projected	Projected	Projected	Projected	
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		0	0	0	0	0	0	0	0	0	0	0	0	0
4. Depreciation Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
5. Cumulative Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6. Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. Net Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Return on Average Investment - Equity Component		0	0	0	0	0	0	0	0	0	0	0	0	0
10. Return on Average Investment - Debt Component		0	0	0	0	0	0	0	0	0	0	0	0	0
Total Depreciation and Return		0	0	0	0	0	0	0	0	0	0	0	0	0

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
 Line 9 x 7.0040% 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 1.7959% x 1/12 (Jul-Dec).

TAMPA ELECTRIC COMPANY
 Energy Conservation Adjustment
 Calculation of True-up

Actual for Months January 2017 through June 2017
 Projected for Months July 2017 through December 2017

Program Name	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
12000353- Energy Audits (E)	67,869	200,177	23,027	180,467	186,194	156,796	239,827	298,362	295,041	308,540	253,909	384,739	2,811,148
12000351 Residential Ceiling Insulation	10,628	20,987	28,756	28,795	34,110	39,535	21,363	22,197	21,613	21,989	22,055	21,769	302,776
12000391 Residential Duct Repair	16,781	14,115	15,697	9,688	19,640	32,475	15,570	22,819	15,160	22,699	15,628	15,483	215,734
12000419 Residential Electronically Commutated Motors	0	0	0	0	0	36	0	0	220	0	0	0	256
12000375 Energy Education, Awareness and Agency Outreach	1,221	3,475	17,708	5,895	5,983	10,227	12,391	12,391	12,391	12,392	12,159	12,762	118,975
12004152 Energy Star Multi-Family	0	0	0	0	0	0	338	0	200	97,593	0	0	98,131
12000411 Energy Star for New Homes	96,974	38,370	19,825	48,228	17,973	41,348	451,135	45,140	45,135	47,472	45,767	44,972	533,338
12000349 Residential Heating and Cooling	31,567	34,857	44,917	44,214	56,534	56,804	57,689	57,719	57,669	42,134	39,103	18,075	540,052
12000425 Neighborhood Weatherization	151,519	156,004	193,084	253,237	445,237	308,994	593,064	588,064	587,579	587,664	587,729	590,167	5,042,342
12000433 Energy Planner	663,120	308,941	351,501	283,092	290,621	290,654	335,846	403,968	338,252	338,245	338,441	347,384	4,380,036
12000385 Residential Wall Insulation	86	148	19	0	0	0	0	0	176	0	247	191	867
12000367 Residential Window Replacement	53,906	49,595	54,053	52,429	51,961	51,311	50,374	50,374	50,374	50,404	50,424	51,063	616,288
12000421 Residential HVAC Re-Commissioning	0	0	0	0	0	0	0	0	0	0	0	0	0
12000373 Residential Window Film	0	0	0	0	0	0	0	0	0	0	0	0	0
12000351 Prime Time	4,890	507	3,228	461	3,116	2,661	3,818	818	3,818	818	3,818	2,918	30,292
12000397 Commercial Ceiling Insulation	173	167	450	0	78	388	0	2,702	0	2,702	0	1,410	5,368
12000411 Commercial Chiller	4,884	859	2,864	13,932	147	439	7,515	3,819	25	25	0	0	33,910
12000371 Cogeneration	3,850	12,133	10,829	3,789	5,584	5,945	3,603	3,948	3,603	3,774	3,774	3,603	64,443
12000389 Conservation Value	404	508	0	64	173	0	1,108	1,851	1,108	1,108	1,851	61,851	70,027
12000443 Cool Roof	68,396	10,638	24,351	2,139	1,718	61,103	8,721	8,721	8,721	17,391	17,391	43,762	273,042
12000420 Commercial Cooling	404	411	610	523	424	439	93	93	374	374	93	93	3,932
12000409 Demand Response	306,857	1,399	614,481	310,803	307,399	1,701	308,753	308,753	308,753	308,753	308,753	3,395,357	3,395,357
12000377 Commercial Duct Repair	404	283	578	439	147	439	270	0	270	0	0	1,003	3,833
12000441 Commercial ECM	173	946	2,300	439	205	439	144	2,377	1,340	590	590	1,484	11,027
12000370 Industrial Load Management (GLSM 2B3)	1,583,234	1,489,655	1,491,547	1,255,362	1,412,675	1,424,139	1,220,049	1,220,041	1,220,035	1,220,028	1,220,021	1,220,015	15,976,880
12000385 Lighting Conditioned Space	8,804	59,648	15,549	68,996	61,742	35,826	40,183	44,171	40,183	44,171	40,183	38,588	498,144
12000301 Lighting Non-Conditioned Space	17,188	27,335	13,158	6,189	8,460	13,581	11,925	12,728	11,925	11,123	10,322	10,322	154,253
12000413 Lighting Occupancy Sensors	0	0	0	0	17,600	11	0	2,598	0	0	0	955	21,164
12000383 CLM (GLSM 1)	0	0	0	907	999	884	1,000	1,000	1,000	1,000	0	0	6,790
12000415 Refrigeration Anti-Condensate Control	0	19	64	32	0	1745	0	0	0	0	0	0	1,860
12000387 Standby Generator	254,042	238,546	224,754	254,555	285,491	231,318	505,494	270,359	271,359	263,040	268,040	388,040	3,450,038
12000302 Thermal Energy Storage	0	263	152	10,100	116	0	541	10,100	541	10,100	541	82,021	104,375
12000399 Commercial Wall Insulation	0	0	0	0	0	0	0	0	0	0	0	0	0
12000417 Commercial Water Heating	0	0	0	32	116	0	0	0	0	0	0	2,184	2,342
12000427 Conservation Research and Development	144	231	0	0	1,514	632	35,876	4,178	59,676	676	676	5,676	100,277
12000388 Renewable Energy Program	(11,855)	(12,104)	(12,677)	(3,413)	(12,462)	(14,395)	(10,026)	(10,026)	(10,026)	(10,028)	288,974	(10,028)	172,948
12000403-Renewable Energy Systems Initiative	0	0	0	0	0	0	0	0	0	0	0	0	0
12000437 Commercial E/M Signs	0	0	0	0	0	0	0	0	0	0	0	0	0
12000439 Commercial HVAC Re-commissioning	0	0	0	28	(28)	0	0	0	0	0	0	0	0
12000401 Commercial Motors	0	0	0	0	0	0	0	0	0	0	0	0	0
12000435 Commercial Roof Insulation	0	0	0	0	0	0	0	0	0	0	0	0	0
12000385 Commercial Window Film	0	0	0	0	0	0	0	0	0	0	0	0	0
12000347 Common Expenses	61,484	90,055	106,517	100,701	65,411	68,306	87,889	67,385	65,935	70,213	102,075	66,078	954,149
Total	3,406,097	2,745,167	3,475,342	2,811,815	3,247,898	2,822,034	3,699,927	3,534,383	3,415,711	3,467,701	3,715,044	3,633,265	39,994,384
Less: Included in Base Rates													
Recoverable Conservation Expenses	3,406,097	2,745,167	3,475,342	2,811,815	3,247,898	2,822,034	3,699,927	3,534,383	3,415,711	3,467,701	3,715,044	3,633,265	39,994,384
Less Renewable Energy	(11,855)	(12,104)	(12,677)	(3,413)	(12,462)	(14,395)	(10,026)	(10,026)	(10,026)	(10,028)	288,974	(10,028)	172,948
Total Conservation Expenses	3,417,942	2,733,063	3,462,665	2,808,402	3,235,436	2,807,639	3,689,901	3,524,357	3,405,685	3,457,727	3,425,070	3,643,291	39,821,436

TAMPA ELECTRIC COMPANY
 Energy Conservation
 Calculation of Conservation Revenues

Actual for Months January 2017 through June 2017
 Projected for Months July 2017 through December 2017

Months	(1)	(2)	(3)	(4)
		Firm MWH Sales	Interruptible MWH Sales	Clause Revenue Net of Revenue Taxes
January		1,478,242	-	2,810,991
February		1,295,325	-	2,575,105
March		1,311,129	-	2,584,417
April		1,432,554	-	2,800,577
May		1,667,779	-	3,288,946
June		1,750,258	-	3,489,588
July		1,899,862	-	3,694,447
August		1,883,474	-	3,684,366
September		1,974,571	-	3,770,015
October		1,723,692	-	3,346,370
November		1,416,894	-	2,837,072
December		1,389,836	-	2,755,554
Total		<u>19,223,616</u>	<u>0</u>	<u>37,637,447</u>

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL ENERGY AUDITS

Program Description: A “how to” information and analysis guide for customers. There are four types of residential energy audits available to Tampa Electric customers: Walk-through Free Energy Check, Customer Assisted, Computer Assisted Paid and Building Energy Ratings System (“BERS”).

Program Projections: January 1, 2017 to December 31, 2017

During this period, the following energy audit participation is projected:

Residential Walk-Through:	5,800
Residential Customer Assisted:	900
Residential Computer Assisted:	7
BERS:	1

January 1, 2018 to December 31, 2018

During this period, the following energy audit participation is projected:

Residential Walk-Through:	6,000
Residential Customer Assisted:	800
Residential Computer Assisted:	10
BERS:	1

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$2,501,616.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$2,394,131.

Program Progress Summary:

Through December 31, 2016 the following Residential Energy Audit totals are:

Residential Walk-Through:	314,629
Residential Customer Assisted ⁽¹⁾ :	122,555
Residential Computer Assisted:	3,904
<u>BERS:</u>	<u>80</u>
Total:	441,168

Note 1: Includes Mail-in and On-line audits. Residential Mail-in audit program was retired on December 31, 2004.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL CEILING INSULATION

Program Description: A rebate program that encourages existing residential customers to install additional ceiling insulation in existing homes.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there are 1,200 customers projected to participate.

January 1, 2018 to December 31, 2018

During this period, there are 1,300 customers projected to participate.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$302,776.

January 1, 2018 to December 31, 2018

Expenditures are estimated at \$339,032.

Program Progress Summary:

Through December 31, 2016 the following Residential Ceiling Insulation totals are:

Residential Ceiling Insulation: 121,823

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL DUCT REPAIR

Program Description: A rebate program that encourages residential customers to repair leaky duct work of central air conditioning systems in existing homes

Program Projections: January 1, 2017 to December 31, 2017

During this period, there are 1,100 customers projected to participate.

January 1, 2018 to December 31, 2018

During this period, there are 1,300 customers projected to participate.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$215,734.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$266,029.

Program Progress Summary:

Through December 31, 2016 the following Residential Duct Repair totals are:
Residential Duct Repair: 99,222

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL ELECTRONICALLY COMMUTATED MOTORS (ECM)

Program Description: A rebate program that encourages residential customers to replace their existing HVAC air handler motor with an ECM.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there is one customer projected to participate.

January 1, 2018 to December 31, 2018

During this period, there is one customer projected to participate.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$256.

January 1, 2018 to December 31, 2018

Expenditures are estimated at \$220.

Program Progress Summary:

Through December 31, 2016 the following Residential Electronically Commutated Motors (ECM) totals are:

Residential ECM: 5

PROGRAM DESCRIPTION AND PROGRESS

Program Title: ENERGY EDUCATION, AWARENESS AND AGENCY OUTREACH

Program Description: A program that 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 Projections: January 1, 2017 to December 31, 2017.

During this period, there are 550 customers projected to participate.

January 1, 2018 to December 31, 2018

During this period, there are 750 customers projected to participate.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$118,975.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$128,113.

Program Progress Summary:

Through 2016, Tampa Electric has partnered with 109 local schools to present Energy Education to 34,579 students. In addition, the company gave 137 presentations to civic organizations that generated 837 customer assisted audits and distributed 5,054 energy saving kits to participating customers.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: ENERGY STAR FOR NEW MULTI-FAMILY RESIDENCES

Program Description: A rebate program that encourages the construction of new multi-family residences to meet the requirements to achieve the ENERGY STAR certified apartments and condominium label.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there are 500 multi-family residences projected to participate.

January 1, 2018 to December 31, 2018

During this period, there are 600 multi-family residences projected to participate.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$98,131.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$199,040.

Program Progress Summary:

On May 4, 2017 ENERGY STAR for New Multi-Family Residences was approved as a new residential DSM program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: ENERGY STAR FOR NEW HOMES

Program Description: A rebate program that encourages residential customers to construct residential dwellings that qualify for the Energy Star Award by achieving efficiency levels greater than current Florida building code baseline practices.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there are 600 customers projected to participate.

January 1, 2018 to December 31, 2018

During this period, there are 1,000 customers projected to participate.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$533,338.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$958,600.

Program Progress Summary:

On November 3, 2015 ENERGY STAR for New Homes replaced the prior Residential New Construction Program. Through December 31, 2016 the following ENERGY STAR for New Homes totals are:

ENERGY STAR for New Homes: 12,171

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL HEATING AND COOLING

Program Description: A rebate program that encourages residential customers to install high-efficiency residential heating and cooling equipment in existing homes.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there are 3,500 units projected to be installed and approved.

January 1, 2018 to December 31, 2018

During this period, there are 4,000 units projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$540,062.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$651,176.

Program Progress Summary:

Through December 31, 2016 the following Residential Heating and Cooling totals are:

Residential Heating and Cooling: 198,054

PROGRAM DESCRIPTION AND PROGRESS

Program Title: NEIGHBORHOOD WEATHERIZATION

Program Description: A program that provides for the installation of energy efficient measures for qualified low-income customers.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there are 6,500 customers projected to participate.

January 1, 2018 to December 31, 2018

During this period, there are 7,000 customers projected to participate.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$5,042,342.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$6,438,873.

Program Progress Summary:

Through December 31, 2016 the following Neighborhood Weatherization totals are:

Neighborhood Weatherization: 29,382

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL PRICE RESPONSIVE LOAD MANAGEMENT (ENERGY PLANNER)

Program Description: A program that 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 Projections: January 1, 2017 to December 31, 2017

During this period, there are 5,231 projected customers for this program on a cumulative basis.

January 1, 2017 to December 31, 2017

During this period, there are 6,231 projected customers for this program on a cumulative basis.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$4,380,036.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$3,781,517.

Program Progress Summary:

Through December 31, 2016 the following Energy Planner totals are:
Energy Planner Participating Customers: 4,431

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL WALL INSULATION

Program Description: A rebate program that encourages existing residential customers to install additional wall insulation in existing homes.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there are six customers projected to participate.

January 1, 2018 to December 31, 2018

During this period, there are ten customers projected to participate.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2016

Expenditures are estimated to be \$867.

January 1, 2018 to December 31, 2018

Expenditures are estimated at \$2,173.

Program Progress Summary:

Through December 31, 2016 the following Residential Wall Insulation totals are:
Residential Wall Insulation: 190

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL WINDOW REPLACEMENT

Program Description: A rebate program that encourages existing residential customers to install window upgrades in existing homes.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there are 1,800 customers projected to participate.

January 1, 2018 to December 31, 2018

During this period, there are 1,600 customers projected to participate.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$616,268.

January 1, 2018 to December 31, 2018

Expenditures are estimated at \$540,687.

Program Progress Summary:

Through December 31, 2016 the following Residential Window Replacement totals are:

Residential Window Replacement: 11,724

PROGRAM DESCRIPTION AND PROGRESS

Program Title: PRIME TIME

Program Description: An incentive program that encourages residential customers to allow the control of weather-sensitive heating, cooling and water heating systems to reduce the associated weather sensitive peak.

Program Projections: January 1, 2017 to December 31, 2017

This program is retired

January 1, 2018 to December 31, 2018

This program is retired.

**Program Fiscal
Expenditures:**

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$30,292.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$28,932.

**Program Progress
Summary:**

Program was retired on May 11, 2016

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL/INDUSTRIAL ENERGY AUDITS

Program Description: A “how to” information and analysis guide for customers. There are two types of commercial/industrial energy audits available to Tampa Electric customers: Commercial/Industrial (Free) and Comprehensive Commercial/Industrial (Paid).

Program Projections: January 1, 2017 to December 31, 2017

During this period, the following energy audit participation is projected:
 Commercial/Industrial (Free): 1,100
 Comprehensive Commercial/Industrial (Paid): 2

January 1, 2018 to December 31, 2018

During this period, the following energy audit participation is projected:
 Commercial/Industrial (Free): 1,200
 Comprehensive Commercial/Industrial (Paid): 4

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$309,532.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$349,596.

Program Progress Summary:

Through December 31, 2016 the following Commercial Energy Audit totals are:

Commercial/Industrial (Free):	24,198
Comprehensive Commercial/Industrial (Paid):	237
<u>Commercial Mail-in</u>	<u>1,477</u>
Commercial/Industrial Total	25,912

Commercial Mail-in audit program was retired on December 31, 2004.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL CEILING INSULATION

Program Description: A rebate program that encourages commercial and industrial customers to install additional ceiling insulation in existing commercial structures.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there are five customers projected to participate.

January 1, 2018 to December 31, 2018

During this period, there are 8 customers projected to participate.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$5,368.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$7,876.

Program Progress Summary:

Through December 31, 2016 the following Commercial Ceiling Insulation totals are:

Commercial Ceiling Insulation: 306

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL CHILLER

Program Description: A rebate program that encourages commercial and industrial customers to install high efficiency chiller equipment.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there are eight units projected to be installed and approved.

January 1, 2018 to December 31, 2018

During this period, there are eight units projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$33,910.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$30,653.

**Program Progress
Summary:**

Through December 31, 2016 the following Commercial Chiller totals are:
Commercial Chiller: 61

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COGENERATION

Program Description: An incentive program whereby large industrial customers with waste heat or fuel resources may install electric generating equipment, meet their own electrical requirements and/or sell their surplus to the company.

Program Projections: January 1, 2017 to December 31, 2017

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 projected.

January 1, 2018 to December 31, 2018

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, 2017 to December 31, 2017

Expenditures are estimated to be \$64,443.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$46,118.

Program Progress Summary:

At the end of 2016, there are eight cogeneration Qualifying Facilities (“QFs”) that are on-line in Tampa Electric’s service area. These facilities have a total combined nameplate generation capacity of 448.2 MW. 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.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: CONSERVATION VALUE

Program Description: A rebate program that encourages commercial and industrial customers to invest in energy efficiency and conservation measures that are not sanctioned by other commercial programs.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there is one customer projected to participate.

January 1, 2018 to December 31, 2018

During this period, there are two customers projected to participate.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$70,027.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$142,072.

Program Progress Summary:

Through December 31, 2016 the following Conservation Value totals are:
Conservation Value: 53

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL COOL ROOF

Program Description: A rebate program that encourages commercial and industrial customers to install a cool roof system above conditioned spaces.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there are 35 customers projected to participate.

January 1, 2018 to December 31, 2018

During this period, there are 20 customers projected to participate.

**Program Fiscal
Expenditures:**

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$273,042.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$234,014.

**Program Progress
Summary:**

Through December 31, 2016 the following Commercial Cool Roof totals are:
Commercial Cool Roof: 219

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL COOLING

Program Description: A rebate program that encourages commercial and industrial customers to install high efficiency direct expansion commercial air conditioning cooling equipment.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there are six units projected to be installed and approved.

January 1, 2018 to December 31, 2018

During this period, there are five units projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$3,932.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$2,521.

Program Progress Summary:

Through December 31, 2016 the following Commercial Cooling totals are:
Commercial Cooling: 2,298

PROGRAM DESCRIPTION AND PROGRESS

Program Title: DEMAND RESPONSE

Program Description: A turn-key incentive program for commercial and industrial customers to reduce their demand for electricity in response to market signals.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there are 40 MW of demand response available for control.

January 1, 2018 to December 31, 2018

During this period, there are 40 MW of demand response projected to be available for control.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$3,395,357.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$3,710,036.

Program Progress Summary:

Through December 31, 2016, Tampa Electric was subscribed for 40 MW.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL DUCT REPAIR

Program Description: A rebate program that encourage existing commercial and industrial customers to repair leaky ductwork of central air-conditioning systems in existing commercial and industrial facilities.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there are six repairs projected to be made.

January 1, 2018 to December 31, 2018

During this period, there are 25 repairs projected to be made.

**Program Fiscal
Expenditures:**

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$3,833.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$12,230.

**Program Progress
Summary:**

Through December 31, 2016 the following Commercial Duct Repair totals are:
Commercial Duct Repair: 11,030

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL ELECTRONICALLY COMMUTATED MOTORS (ECM)

Program Description: A rebate program that encourages commercial and industrial customers to replace their existing air handler motors or refrigeration fan motors with an ECM.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there are 195 customers projected to participate.

January 1, 2018 to December 31, 2018

During this period, there are 200 customers projected to participate.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$11,027.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$11,268.

Program Progress Summary:

Through December 31, 2016 the following Commercial Electronically Commutated Motors (ECM) totals are:
Commercial ECM: 1,310

PROGRAM DESCRIPTION AND PROGRESS

Program Title: INDUSTRIAL LOAD MANAGEMENT (GSLM 2&3)

Program Description: An incentive program whereby large industrial customers allow for the interruption of their facility or portions of their facility electrical load.

Program Projections: January 1, 2017 to December 31, 2017

During this period, zero new customers are projected to participate.

January 1, 2018 to December 31, 2018

During this period, one new customer is projected to participate.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$15,976,880.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$15,115,993.

Program Progress Summary:

Through December 31, 2016, there are 34 customers participating.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: LIGHTING CONDITIONED SPACE

Program Description: A rebate program that encourages commercial and industrial customers to invest in more efficient lighting technologies in existing conditioned areas of commercial and industrial facilities.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there are 150 customers projected to participate.

January 1, 2018 to December 31, 2018

During this period, there are 110 customers projected to participate.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$498,146.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$363,090.

Program Progress Summary:

Through December 31, 2016 the following Lighting Conditioned Space totals are:
Lighting Conditioned Space: 1,944

PROGRAM DESCRIPTION AND PROGRESS

Program Title: LIGHTING NON-CONDITIONED SPACE

Program Description: A rebate program that encourages commercial and industrial customers to invest in more efficient lighting technologies in existing non-conditioned areas of commercial and industrial facilities.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there are 225 customers projected to participate.

January 1, 2018 to December 31, 2018

During this period, there are 50 customers projected to participate.

**Program Fiscal
Expenditures:**

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$154,253.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$83,278.

**Program Progress
Summary:**

Through December 31, 2016 the following Lighting Non-Conditioned Space totals are:

Lighting Non-Conditioned Space: 213

PROGRAM DESCRIPTION AND PROGRESS

Program Title: LIGHTING OCCUPANCY SENSORS

Program Description: A rebate program that encourages commercial and industrial customers to install occupancy sensors to control commercial lighting systems.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there are 30 units projected to be installed and approved.

January 1, 2018 to December 31, 2018

During this period, there are 12 units projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$21,164.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$11,497.

Program Progress Summary:

Through December 31, 2016 the following Lighting Occupancy Sensors totals are:
Lighting Occupancy Sensors: 212

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL LOAD MANAGEMENT

Program Description: An incentive program that encourages commercial and industrial customers to allow for the control of weather-sensitive heating, cooling and water heating systems to reduce the associated weather sensitive peak.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there are zero new installations projected.

January 1, 2018 to December 31, 2018

During this period, there are zero new installations projected.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$6,790.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$24,777.

Program Progress Summary:

Through December 31, 2016 the following Commercial Load Management totals are:

Commercial Load Management Participating Customers: 6

PROGRAM DESCRIPTION AND PROGRESS

Program Title: REFRIGERATION ANTI-CONDENSATE CONTROL

Program Description: A rebate program that encourages commercial and industrial customers to install anti-condensate equipment sensors and control within refrigerated door systems.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there is one customer projected to participate.

January 1, 2018 to December 31, 2018

During this period, there are two customers projected to participate.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$1,860.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$3,490.

Program Progress Summary:

Through December 31, 2016 the following Refrigeration Anti-Condensate totals are:

Refrigeration Anti-Condensate: 0

PROGRAM DESCRIPTION AND PROGRESS

Program Title: STANDBY GENERATOR

Program Description: An incentive program designed to utilize the emergency generation capacity of commercial/industrial facilities in order to reduce weather sensitive peak demand.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there are two new installations projected.

January 1, 2018 to December 31, 2018

During this period, there is one new installation projected.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$3,450,037.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$3,236,868.

Program Progress Summary:

Through December 31, 2016 the following Standby Generator totals are:
Standby Generator Participating Customers: 91

PROGRAM DESCRIPTION AND PROGRESS

Program Title: THERMAL ENERGY STORAGE

Program Description: A rebate program that encourages commercial and industrial customers to install an off-peak air conditioning system.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there are two customer projected to participate.

January 1, 2018 to December 31, 2018

During this period, there are three customers projected to participate.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$104,375.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$208,897.

Program Progress Summary:

Through December 31, 2016 the following Thermal Energy Storage totals are:
Thermal Energy Storage: 0

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL WALL INSULATION

Program Description: A rebate program that encourages commercial and industrial customers to install wall insulation in existing commercial and industrial structures.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there are zero customers projected to participate.

January 1, 2018 to December 31, 2018

During this period, there is one customer projected to participate.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$0.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$2,219.

Program Progress Summary:

Through December 31, 2016 the following Commercial Wall Insulation totals are:
Commercial Wall Insulation: 2

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL WATER HEATING

Program Description: A rebate program that encourages commercial and industrial customers to install high efficiency water heating systems.

Program Projections: January 1, 2017 to December 31, 2017

During this period, there is one units projected to be installed and approved.

January 1, 2018 to December 31, 2018

During this period, there are three units projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$2,342.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$6,582.

Program Progress Summary:

Through December 31, 2016 the following Commercial Water Heating totals are:
Commercial Water Heating: 0

PROGRAM DESCRIPTION AND PROGRESS

Program Title: DSM RESEARCH AND DEVELOPMENT (R&D)

Program Description: A program that allows for the exploration of DSM measures that have insufficient data on the cost-effectiveness of the measure and the potential impact to Tampa Electric and its ratepayers.

Program Projections: See Program Progress Summary.

**Program Fiscal
Expenditures:**

January 1, 2017 to December 31, 2017

Expenditures are estimated to be \$100,277.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$191,056.

**Program Progress
Summary:**

Currently, Tampa Electric continues to review possible programs to research and develop and has the following four active R&D evaluations in progress:

1. Electric vehicle benefits and impacts.
2. Battery storage for peak shifting.
3. Heat Pump Water Heater inclusion into the Energy Planner Program.
4. Commercial low-income weatherization.

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, 2017 to December 31, 2017

During this period, there are 1,700 projected customers with 2,500 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, 2018 to December 31, 2018

During this period, there are 1,750 projected customers with 2,600 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, 2017 to December 31, 2017

During this period, the company anticipates excess revenues of approximately \$154,949 to be used for new renewable generation. At the end of this period, the company projects the deferred balance (credits) to be \$298,119.

January 1, 2018 to December 31, 2018

During this period, the company anticipates excess revenues of approximately \$159,506 to be used for new renewable generation. At the end of this period, the company projects the deferred balance (credits) to be \$133,947.

Program Progress Summary:

Through December 31, 2016, there were 1,749 customers with 2,600 blocks subscribed. In addition, there were 4,000 blocks of renewable energy purchased on a one-time basis. On a cumulative basis, 40,789 monthly and one-time blocks of renewable energy have been purchased.

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, 2017 to December 31, 2017

Expenditures are estimated to be \$954,149.

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$790,121.

Program Progress Summary: N/A

2018 GSLM Incentive Calculation

Annual KW Reduction 49,735
Annual Incentive \$475,312
Dollar Per KW \$9.556835

Month	KW Reduction	Incentive
Jan	4,265	40,757
Feb	4,265	40,757
Mar	4,265	40,757
Apr	4,059	38,790
May	4,059	38,790
Jun	4,059	38,790
Jul	4,059	38,790
Aug	4,059	38,790
Sep	4,059	38,790
Oct	4,059	38,790
Nov	4,265	40,757
Dec	4,265	40,757
Total		475,312

2018 \$/kW Filing⁽¹⁾ \$9.56

⁽¹⁾Rounded to the nearest cent.

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PARTICIPANT COSTS AND BENEFITS
 PROGRAM: Contracted Credit Value Calculation

(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)
2017	28	0	238	0	266	42	0	0	42	224	224
2018	81	0	713	0	794	43	0	0	43	751	926
2019	146	0	1,188	0	1,334	44	0	0	44	1,290	2,053
2020	211	0	1,664	0	1,875	45	0	0	45	1,830	3,548
2021	246	0	1,901	0	2,147	0	0	0	0	2,147	5,188
2022	252	0	1,901	0	2,153	0	0	0	0	2,153	6,724
2023	261	0	1,901	0	2,162	0	0	0	0	2,162	8,167
2024	271	0	1,901	0	2,172	0	0	0	0	2,172	9,522
2025	278	0	1,901	0	2,179	0	0	0	0	2,179	10,793
2026	284	0	1,901	0	2,185	0	0	0	0	2,185	11,984
2027	293	0	1,901	0	2,195	0	0	0	0	2,195	13,102
2028	300	0	1,901	0	2,201	0	0	0	0	2,201	14,150
2029	313	0	1,901	0	2,214	0	0	0	0	2,214	15,136
2030	321	0	1,901	0	2,222	0	0	0	0	2,222	16,061
2031	331	0	1,901	0	2,232	0	0	0	0	2,232	16,929
2032	337	0	1,901	0	2,238	0	0	0	0	2,238	17,743
2033	348	0	1,901	0	2,250	0	0	0	0	2,250	18,507
2034	358	0	1,901	0	2,259	0	0	0	0	2,259	19,225
2035	362	0	1,901	0	2,263	0	0	0	0	2,263	19,898
2036	362	0	1,901	0	2,264	0	0	0	0	2,264	20,526
2037	366	0	1,901	0	2,267	0	0	0	0	2,267	21,115
2038	373	0	1,901	0	2,275	0	0	0	0	2,275	21,667
2039	381	0	1,901	0	2,283	0	0	0	0	2,283	22,185
2040	384	0	1,901	0	2,286	0	0	0	0	2,286	22,669
2041	396	0	1,901	0	2,297	0	0	0	0	2,297	23,124
NOMINAL	7,284	0	43,729	0	51,012	174	0	0	174	50,838	
NPV:	3,120	0	20,162	0	23,282	157	0	0	157	23,124	
In service year of gen unit:			2021		148.00644						

PSC FORM CE 2.5
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 August 15, 2017

RATE IMPACT TEST
 PROGRAM: Contracted Credit Value Calculation

(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 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)
2017	0	125	238	11	0	373	13	0	0	0	13	(360)	(360)
2018	0	132	713	32	0	877	43	191	0	0	234	(643)	(961)
2019	0	140	1,188	54	0	1,382	85	196	0	0	280	(1,102)	(1,924)
2020	0	147	1,664	77	0	1,888	119	200	0	0	319	(1,569)	(3,205)
2021	0	18	1,901	89	0	2,008	2,790	493	0	0	3,283	1,275	(2,232)
2022	0	18	1,901	89	0	2,009	2,722	488	0	0	3,210	1,201	(1,375)
2023	0	19	1,901	90	0	2,011	2,667	482	0	0	3,149	1,139	(615)
2024	0	19	1,901	91	0	2,012	2,520	476	0	0	2,996	984	(1)
2025	0	20	1,901	92	0	2,013	2,466	472	0	0	2,937	924	537
2026	0	20	1,901	93	0	2,015	2,497	468	0	0	2,965	950	1,055
2027	0	21	1,901	94	0	2,016	2,423	464	0	0	2,887	870	1,499
2028	0	21	1,901	95	0	2,018	2,403	461	0	0	2,864	847	1,902
2029	0	22	1,901	96	0	2,019	2,275	458	0	0	2,733	714	2,220
2030	0	22	1,901	97	0	2,020	2,267	455	0	0	2,722	701	2,511
2031	0	23	1,901	98	0	2,022	2,230	452	0	0	2,682	660	2,768
2032	0	23	1,901	99	0	2,024	2,196	449	0	0	2,645	622	2,994
2033	0	24	1,901	100	0	2,025	2,193	447	0	0	2,640	615	3,203
2034	0	25	1,901	101	0	2,027	2,173	445	0	0	2,618	591	3,391
2035	0	25	1,901	102	0	2,028	2,123	442	0	0	2,565	537	3,551
2036	0	26	1,901	103	0	2,030	2,108	441	0	0	2,549	519	3,695
2037	0	26	1,901	104	0	2,032	2,146	443	0	0	2,589	558	3,840
2038	0	27	1,901	105	0	2,033	2,142	446	0	0	2,588	555	3,974
2039	0	28	1,901	106	0	2,035	2,124	449	0	0	2,573	538	4,097
2040	0	28	1,901	107	0	2,037	2,220	453	0	0	2,673	636	4,231
2041	0	29	1,901	108	0	2,038	2,288	456	0	0	2,744	706	4,371
NOMINAL	0	1,030	43,729	2,233	0	46,992	49,233	10,226	0	0	59,459	12,468	
NPV:	0	685	20,162	1,000	0	21,846	21,585	4,633	0	0	26,218	4,371	

Discount rate: 1.20

Benefit/Cost Ratio - [col (12)/col (7)]: 1.20

2018 Residential Service Variable Pricing (RSVP-1) Rates (Cents per kWh)

Rate Tiers	Base Rate	Fuel	Capacity	Environmental	Conservation	Total Clauses	Base Rate Plus Clauses
P4	5.549	3.132	0.066	0.341	40.852	44.391	49.940
P3	5.549	3.132	0.066	0.341	6.906	10.445	15.994
P2	5.549	3.132	0.066	0.341	-1.058	2.481	8.030
P1	5.549	3.132	0.066	0.341	-3.002	0.537	6.086

18

DEF's Responses to Staff's Third Set of
Interrogatories Nos. 47-49, including
attachments.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170002-EG EXHIBIT: 18
PARTY: STAFF (Direct)
DESCRIPTION: Lori J. Cross

Please refer to DUKE's Petition for Limited Proceeding to Approve 2017 Second Revised and Restated Stipulation and Settlement Agreement, Including Certain Rate Adjustments in Docket No. 20170183-EI (DUKE Settlement) and DUKE's Petition in Docket No. 20170002-EG, for the following questions.

47. If the Commission approves Paragraph 24 of DUKE's Settlement, please provide the estimated dollar impact on the 2018 projections provided in Schedule C-2, Page 2, of DUKE's Petition and explain the impact.

Answer:

If the Commission approves Paragraph 24 of Duke's Settlement, the estimated dollar impact on the 2018 projections provided in Schedule C-2, Page 2 is a decrease in expenses for the Energy Management Program of \$2,812,348.

48. If the Commission approves Paragraph 24 of DUKE's Settlement, please explain the impact, if any, on DUKE's 2018 factors in Docket No. 20170002-EG.

Answer:

There are no impacts on DEF's 2018 factors as filed on August 18, 2017 in Docket No. 21070002-EG, as the decrease to the Energy Management Program will be substantially offset by increases in incentives for the commercial Interruptible, Curtailable, and the Stand-by Service Program, per Exhibit 1 of the Settlement, resulting in a net increase in estimated program costs of \$120,399. The attachment bearing Bates Numbers DEF-170002-0045 through DEF-170002-0047 shows the impact of the settlement by program. The Excel file is also attached.

49. If the Commission approves DUKE's Settlement, please state whether DUKE anticipates any additional impacts to the Energy Conservation Cost Recovery clause, including any material impacts to DUKE's clause factors. Please identify and explain any such impacts.

Answer:

The Settlement agreement will have no additional impacts other than those identified in DEF's response to Staff ROG 3, Q47 and Q48. The net increase in program costs of \$120,399 does not impact the clause factors included in DEF's August 18, 2017 projection filing.

Duke Energy Florida, LLC
 Energy Conservation Cost Recovery
 Estimated Conservation Program Costs
 January 2018 - December 2018

FPSC Docket No. 170002-EG
 Duke Energy Florida, LLC
 Witness: Lori J. Cross
 Exhibit No. ___(LJC-1P)
 Schedule C-2
 Page 3 of 6

Line No.	Program Demand (D) or Energy (E)	Depreciation, Amortization & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues (Credits)	Total
1	Home Energy Check (E)	\$15,574	\$2,498,450	\$204,098	\$616,900	\$1,296,976	\$574,117	\$119,929	\$60,181	\$0	\$5,386,225
2	Residential Incentive Program (E)	0	2,445,860	111,969	165,019	712,636	3,224,331	85,053	66,743	0	6,811,611
3	Business Energy Check (E)	10,829	386,150	10,738	384,264	70,707	60,000	23,125	4,096	0	949,909
4	Better Business (E)	0	1,087,377	13,482	135,370	113,440	1,975,000	25,061	46,683	0	3,396,413
5	Technology Development (E)	0	211,796	200,000	363,204	0	0	5,000	20,000	0	800,000
6	Florida Custom Incentive Program (E)	0	121,233	0	103,072	20,000	325,000	575	15,894	0	585,774
7	Interruptible Service (D)	73,328	207,761	0	0	0	35,301,142	15,284	4,442	0	35,601,956
8	Curtable Service (D)	0	43,700	0	0	0	2,083,337	0	0	0	2,127,037
9	Energy Management (Residential & Commercial) (D)	13,808,466	1,859,978	10,552	3,044,217	860,848	24,725,044	33,056	60,238	0	44,402,397
10	Low Income Weatherization Assistance Program (E)	0	120,282	0	0	32,500	198,750	1,500	15,047	0	366,079
11	Standby Generation (D)	59,574	319,933	0	1,200	0	4,651,557	8,016	9,541	0	5,049,821
12	Qualifying Facility (E)	0	1,099,669	6,500	102,799	0	0	5,900	40,000	0	1,254,868
13	Neighborhood Energy Saver (E)	0	197,033	0	296,837	77,617	2,735,860	1,500	15,364	0	3,324,211
14	Conservation Program Admin (E)	0	2,588,739	34,705	1,005,239	0	0	9,000	427,194	0	4,064,877
15	Conservation Program Admin (D)	0	287,638	3,856	111,693	0	0	1,000	47,466	0	451,653
16	Total ECCR Program Costs	\$13,967,771	\$13,475,599	\$595,899	\$6,329,814	\$3,184,721	\$75,852,138	\$333,999	\$832,889	\$0	\$114,572,831
17	Demand & Energy Summary										
18	Energy	\$26,403	\$10,756,590	\$581,491	\$3,172,704	\$2,323,875	\$9,091,058	\$276,643	\$711,203	\$0	\$26,939,967
19	Demand	13,941,368	2,719,010	14,408	3,157,110	860,848	66,781,080	57,356	121,686	0	87,632,864
20	Total Demand & Energy Costs	\$13,967,771	\$13,475,599	\$595,899	\$6,329,814	\$3,184,721	\$75,852,138	\$333,999	\$832,889	\$0	\$114,572,831

Duke Energy Florida, LLC
 Energy Conservation Cost Recovery
 Estimated Conservation Program Costs
 January 2018 - December 2018

FPSC Docket No. 20170002-EG
 Duke Energy Florida, LLC
 Witness: Lori J. Cross
 Exhibit No. (LJC-1P)
 Schedule C-2
 Page 3 of 7

Line No.	Program Demand (D) or Energy (E)	Depreciation, Amortization & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues (Credits)	Total	Settlement Impact 7.5% Increase IS/CS/Stand-by Credits
1	Home Energy Check (E)	\$15,574	\$2,498,450	\$204,098	\$616,900	\$1,296,976	\$574,117	\$119,929	\$60,181	\$0	\$5,386,225	
2	Residential Incentive Program (E)	0	2,445,800	111,969	165,019	712,630	3,224,331	85,053	66,743	0	6,811,611	
3	Business Energy Check (E)	10,829	386,150	10,738	384,284	70,707	60,000	23,125	4,066	0	949,009	
4	Better Business (E)	0	1,087,377	13,482	135,370	113,440	1,975,000	25,061	46,683	0	3,396,413	
5	Technology Development (E)	0	211,796	200,000	363,204	0	0	5,000	20,000	0	800,000	
6	Florida Custom Incentive Program (E)	0	121,233	0	103,072	20,000	325,000	575	15,894	0	585,774	
7	Interruptible Service (D)	73,328	207,761	0	0	0	32,838,271	15,284	4,442	0	33,139,086	2,462,870
8	Curtable Service (D)	0	43,700	0	0	0	1,937,988	0	0	0	1,981,688	145,349
9	Energy Management (Residential & Commercial) (D)	16,620,814	1,859,978	10,552	3,044,217	860,846	24,725,044	33,056	60,238	0	47,214,745	
10	Low Income Weatherization Assistance Program (E)	0	120,282	0	0	32,500	196,750	1,500	15,047	0	366,079	
11	Standby Generation (D)	59,574	319,933	0	1,200	0	4,327,030	8,016	9,541	0	4,725,294	324,527
12	Qualifying Facility (E)	0	1,099,666	6,500	102,799	0	0	5,900	40,000	0	1,254,868	
13	Neighborhood Energy Saver (E)	0	197,033	0	296,837	77,617	2,735,860	1,500	15,364	0	3,324,211	
14	Conservation Program Admin (E)	0	2,588,736	34,705	1,005,236	0	0	9,000	427,194	0	4,064,877	
15	Conservation Program Admin (D)	0	287,638	3,856	111,693	0	0	1,000	47,466	0	451,653	
16	Total ECCR Program Costs	\$16,780,119	\$13,475,599	\$595,899	\$6,329,814	\$3,184,721	\$72,919,391	\$333,999	\$832,889	\$0	\$114,452,432	\$ 2,932,747
17	Demand & Energy Summary											
18	Energy	\$26,403	\$10,756,590	\$581,491	\$3,172,704	\$2,323,875	\$9,091,058	\$276,643	\$711,203	\$0	\$26,939,967	\$0
19	Demand	16,753,716	2,719,010	14,408	3,157,110	860,846	63,828,333	57,356	121,688	0	87,512,465	2,932,747
20	Total Demand & Energy Costs	\$16,780,119	\$13,475,599	\$595,899	\$6,329,814	\$3,184,721	\$72,919,391	\$333,999	\$832,889	\$0	\$114,452,432	\$2,932,747

Duke Energy Florida, LLC
 Energy Conservation Cost Recovery
 Estimated Impacts of Settlement Agreement
 January 2018 - December 2018

Line No.	Program Demand (D) or Energy (E)	Depreciation, Amortization & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues (Credits)	Total
1	Home Energy Check (E)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	Residential Incentive Program (E)	-	-	-	-	-	-	-	-	-	-
3	Business Energy Check (E)	-	-	-	-	-	-	-	-	-	-
4	Better Business (E)	-	-	-	-	-	-	-	-	-	-
5	Technology Development (E)	-	-	-	-	-	-	-	-	-	-
6	Florida Custom Incentive Program (E)	-	-	-	-	-	-	-	-	-	-
7	Interruptible Service (D)	-	-	-	-	-	2,462,870	-	-	-	2,462,870
8	Curtailable Service (D)	-	-	-	-	-	145,349	-	-	-	145,349
9	Energy Management (Residential & Commercial) (D)	(2,812,348)	-	-	-	-	-	-	-	-	(2,812,348)
10	Low Income Weatherization Assistance Program (E)	-	-	-	-	-	-	-	-	-	-
11	Standby Generation (D)	-	-	-	-	-	324,527	-	-	-	324,527
12	Qualifying Facility (E)	-	-	-	-	-	-	-	-	-	-
13	Neighborhood Energy Saver (E)	-	-	-	-	-	-	-	-	-	-
14	Conservation Program Admin (E)	-	-	-	-	-	-	-	-	-	-
15	Conservation Program Admin (D)	-	-	-	-	-	-	-	-	-	-
16	Total ECCR Program Costs	<u>\$ (2,812,348)</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 2,932,747</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 120,399</u>
17	<u>Demand & Energy Summary</u>										
18	Energy	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	Demand	(2,812,348)	-	-	-	-	2,932,747	-	-	-	120,399
20	Total Demand & Energy Costs	<u>(\$2,812,348)</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$2,932,747</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$120,399</u>

AFFIDAVIT

STATE OF FLORIDA)

COUNTY OF PINELLAS)

I hereby certify that on this 28th day of September, 2017, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared LORI J. CROSS, who is personally known to me, and she acknowledged before me that she provided the answers to interrogatory number(s) 37 through 49 from STAFF'S THIRD SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC (NOS. 37-49) in Docket No. 20170002-EG, and that the responses are true and correct based on her personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 28th day of September, 2017.

Lori J. Cross

LORI J. CROSS

Sandra C. Cope

Notary Public
State of Florida, at Large

My Commission Expires:

