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August 27, 2014

#### -VIA ELECTRONIC FILING -

Ms. Carlotta Stauffer Commission Clerk Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850

Re: Docket No. 140002-EG

**Energy Conservation Cost Recovery Clause** 

Dear Ms. Stauffer:

Attached for electronic filing in the above docket please find (i) Florida Power & Light Company's ("FPL") Petition for Approval of Energy Conservation Cost Recovery factors for the Period January 2015 through December 2015 and (ii) the prefiled testimony and exhibits of FPL witnesses Anita Sharma and Terry J. Keith.

If there are any questions regarding this transmittal, please contact me at 561-691-2512.

Sincerely,

/s/Kenneth M. Rubin Kenneth M. Rubin

**Enclosures** 

cc: Counsel of record for parties (w/encl.)

#### BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Energy Conservation Cost

Recovery Clause

Docket No. 140002-EG

Filed: August 27, 2014

## PETITION OF FLORIDA POWER & LIGHT COMPANY FOR APPROVAL OF ITS CONSERVATION COST RECOVERY FACTORS FOR THE PERIOD JANUARY 2015 THROUGH DECEMBER 2015

Florida Power & Light Company ("FPL"), pursuant to Section 366.82(2), Florida Statutes, Rule 25.17.015, Florida Administrative Code, Order No. PSC-93-0709-FOF-EG, and Order No. PSC-98-1084-FOF-PU, hereby petitions the Florida Public Service Commission ("Commission") for approval of the Energy Conservation Cost Recovery ("ECCR") Factors shown on Schedule C-1, page 3, attached to the prefiled testimony of FPL witnesses Anita Sharma and Terry J. Keith and which is incorporated by reference, to be applied during the January 2015 through December 2015 billing period and to continue in effect thereafter until modified by the Commission. The grounds for this Petition are as follows:

1. The name and the address of the affected agency are:

Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, Florida 32399-0850

2. FPL's address is 700 Universe Boulevard, Juno Beach, FL 33408. Correspondence, notices, orders, motions and other documents concerning this petition should be sent to:

Kenneth Hoffman Vice President Regulatory Affairs Florida Power & Light Company 215 South Monroe Street, Suite 810 Tallahassee, Florida 32301 (850) 521-3900 Telephone (850) 521-3939 Facsimile

R. Wade Litchfield, Esq. Vice President and General Counsel Kenneth M. Rubin, Esq. Senior Counsel 700 Universe Boulevard Juno Beach, FL 33408 (561)691-2512 Telephone (561)691-7135 Facsimile

3. FPL is an investor-owned electric utility regulated by the Commission pursuant to Chapter 366, Florida Statutes. FPL is subject to the Florida Energy Efficiency Conservation Act

("FEECA"), and its ECCR Clause is subject to the Commission's jurisdiction. Pursuant to Rule 25-17.015(1)(d), Florida Administrative Code, and Order Nos. PSC-93-0709-FOF-EG, PSC-93-1845-FOF-EG and PSC-98-1084-FOF-PU (among others), the Commission has authorized ECCR Factors. FPL's substantial interest in the recovery of its conservation-related expenditures will be affected by this proceeding.

- 4. FPL's ECCR Factors were calculated consistent with the order establishing annual ECCR Factors, Order No. PSC-93-0709-FOF-EG, and the order establishing the ECCR cost of service methodology, Order No. PSC-93-1845-FOF-EG. The factors are designed to recover the projected conservation program expenses for the period January 2015 through December 2015 adjusted for (a) the actual/estimated true-up for the period January 2014 through December 2014, and (b) the final conservation true-up for the period January 2013 through December 2013, as well as an interest provision for both true-ups. The calculation of these factors and the supporting documentation are contained in the prefiled testimony of FPL witnesses Anita Sharma and Terry J. Keith and in Exhibit AS-2, which are being filed contemporaneously with and are incorporated by reference in this Petition.
- 5. FPL projects total conservation program costs, net of all program revenues, of \$196,450,060 for the period January 2015 through December 2015. The net true-up is an over-recovery of \$5,151,261, which includes the final conservation over-recovery of \$1,964,488 for the period January 2013 through December 2013 that was reported on FPL's Schedule CT-1 filed May 2, 2014, and the actual/estimated true-up over-recovery plus interest for January 2014 through December 2014 of \$3,186,774. The total recoverable conservation costs and applicable taxes, net of program revenues and reflecting the applicable over or under-recoveries to be recovered during the January 2015 through December 2015 period, is \$191,357,240, and the ECCR Factors which are included in Exhibit AS-2 are designed to recover this level of costs and taxes.

6. FPL is not aware of any disputed issues of fact. This petition is not in response to

a prior agency decision, so the petition cannot state when and how it "received notice of the

agency decision." The Commission should approve the ECCR Factors for the period January

2015 through December 2015 shown on Schedule C-1, page 3. FPL is entitled to relief pursuant

to Section 366.82(2), Florida Statutes, Rule 25-17.015, Florida Administrative Code, Order No.

PSC-93-0709-FOF-EG, and Order No. PSC-98-1084-FOF-PU.

WHEREFORE, FPL respectfully petitions the Commission to approve for the billing

period January 2015 through December 2015, and to continue in effect thereafter until modified

by the Commission, the ECCR Factors for the period January 2015 through December 2015

shown on Schedule C-1, page 3.

Respectfully submitted,

R. Wade Litchfield, Esq.

Vice President and General Counsel

Kenneth M. Rubin

Senior Counsel

Florida Power & Light Company

700 Universe Boulevard

Juno Beach, FL 33408-0420

Telephone: (561) 691-2512

Facsimile: (561) 691-7135

By: s/ Kenneth M. Rubin

Kenneth M. Rubin

Florida Bar No. 349038

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## CERTIFICATE OF SERVICE DOCKET NO. 140002-EG

**I HEREBY CERTIFY** that a true and correct copy of the foregoing was served by electronic mail this 27<sup>th</sup> day of August, 2014 to the following:

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By: /s/Kenneth M. Rubin\_\_\_\_

Kenneth M. Rubin Florida Bar No. 349038

## BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

### DOCKET NO. 140002-EG FLORIDA POWER & LIGHT COMPANY

**AUGUST 27, 2014** 

**ENERGY CONSERVATION COST RECOVERY** 

PROJECTIONS
JANUARY 2015 THROUGH DECEMBER 2015

**TESTIMONY & EXHIBITS OF:** 

ANITA SHARMA TERRY J. KEITH

	1		BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
	2		FLORIDA POWER & LIGHT COMPANY
	3		TESTIMONY OF ANITA SHARMA
	4		<b>DOCKET NO. 140002-EG</b>
	5		AUGUST 27, 2014
	6		
	7	Q.	Please state your name, business address, employer and position.
	8	A.	My name is Anita Sharma. My business address is 9250 West Flagler Street, Miami,
	9		Florida 33174. I am employed by Florida Power and Light Company (FPL or the
	10		Company) as Manager, DSM Cost & Performance.
	11	Q.	Have you previously filed testimony in this or a predecessor docket?
	12	A.	Yes.
	13	Q.	What is the purpose of your testimony?
	14	A.	The purpose of my testimony is to submit for Commission review and approval the
	15		projected Energy Conservation Cost Recovery (ECCR) costs for FPL's Demand-Side
	16		Management (DSM) programs to be incurred by FPL during January 2015 through
	17		December 2015 and the actual/estimated ECCR costs for January 2014 through
	18		December 2014.
	19	Q.	Are you sponsoring an exhibit in this proceeding?
2	20	A.	Yes. I am sponsoring Exhibit AS-2, Schedule C-5, and co-sponsoring Schedules C-2
2	21		and C-3. The specific sections of Schedules C-2 and C-3 that I am co-sponsoring are
2	22		shown in Exhibit AS-2, Page 1, Table of Contents.

1	Q.	Are all of the costs listed in these exhibits reasonable, prudent and attributable to
2		programs approved by the Commission?

- A. Yes. All 2015 cost projections are based on FPL's current programs and rebates, with one caveat. FPL's 2015 projections incorporate the anticipated Commission Staff approval of the currently pending revisions to FPL's Residential Air-Conditioning Program Standards resulting from the changes in federal equipment manufacturing standards which take effect January 1, 2015. Additionally, FPL's 2015 projections are consistent with the Company's proposed DSM Goals filed in Docket 130199-EI.
- Q. Please describe the methods used to derive the program costs for which FPL
   seeks recovery.
  - A. The actual costs for the months of January 2014 through June 2014 came from the books and records of FPL. The books and records are kept in the regular course of FPL's business in accordance with generally accepted accounting principles and practices, and with the applicable provisions of the Uniform System of Accounts as prescribed by this Commission and directed in Rule 25-17.015, Florida Administrative Code.

Costs for the months of July 2014 through December 2014, as well as January 2015 through December 2015, are projections compiled from detailed month-by-month analyses for each program which were prepared by the relevant departments within FPL. The projections have been created in accordance with FPL's standard budgeting and on-going cost justification processes. FPL's 2015 projections are consistent with the Company's proposed DSM Goals filed in Docket 130199-EI. The Commission's

- subsequent approval of a DSM Plan and related Program Standards designed to meet
- 2 the DSM Goals is projected to impact expenditures in the second half of 2015.
- 3 Q. What are the 2014 actual/estimated costs FPL is requesting the Commission to
- 4 approve?
- 5 A. FPL is requesting approval of \$313,534,540 as the actual/estimated amount for the
- 6 period January 2014 through December 2014, as shown on Exhibit AS-2, Schedule C-
- 7 3, Page 11, Line 31.
- 8 Q. What are the 2015 costs FPL is requesting the Commission to approve?
- 9 A. FPL is requesting approval of \$191,357,240 for recovery during the period of January
- 10 2015 through December 2015, as shown on Exhibit AS-2, Schedule C-1, Page 1, Line
- 8. This includes projected costs for January 2015 through December 2015 of
- \$196,450,060 as shown on Exhibit AS-2, Schedule C-1, Page 1, Line 1, as well as
- prior and current period over recoveries, interest and applicable revenue taxes.
- 14 Q. Does this conclude your testimony?
- 15 A. Yes.

1		BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
2		FLORIDA POWER & LIGHT COMPANY
3		TESTIMONY OF TERRY J. KEITH
4		<b>DOCKET NO. 140002-EG</b>
5		AUGUST 27, 2014
6		
7	Q.	Please state your name, business address, employer and position.
8	A.	My name is Terry J. Keith and my business address is 9250 West Flagler Street,
9		Miami, Florida, 33174. I am employed by Florida Power & Light Company
10		("FPL" or "the Company") as Director, Cost Recovery Clauses, in the Regulatory
11		Affairs Department.
12	Q.	Have you previously filed testimony in this docket?
13	A.	Yes, I have.
14	Q.	What is the purpose of your testimony in this proceeding?
15	A.	The purpose of my testimony is to present the schedules necessary to support the
16		actual/estimated Energy Conservation Cost Recovery ("ECCR") clause true-up for
17		the period January 2014 through December 2014 and the calculation of the ECCR
18		factors based on the projected ECCR costs for FPL's Demand Side Management
19		("DSM") programs to be incurred during the months of January 2015 through
20		December 2015.
21	Q.	Have you prepared or caused to be prepared under your direction,
22		supervision or control any exhibits in this proceeding?

- 1 A. Yes, I am sponsoring Schedules C-1 and C-4, and co-sponsoring Schedules C-2
  2 and C-3 in Exhibit AS-2. The specific sections of Schedules C-2 and C-3 which I
  3 am co-sponsoring are identified in the Table of Contents, which is found on page
  4 1 of Exhibit AS-2.
- What is the source of the data used in calculating the 2014 actual/estimated true-up amount?
- A. Unless otherwise indicated, the data used in calculating the 2014 actual/estimated true-up amount was taken from the books and records of FPL. The books and records are kept in the regular course of the Company's business in accordance with generally accepted accounting principles and practices, and with the applicable provisions of the Uniform System of Accounts as prescribed by this Commission and directed in Rule 25-17.015, Florida Administrative Code.
- Q. Please explain the calculation of the ECCR end of period net true-up and actual/estimated true-up amounts for 2014.
- 15 Schedule C-3, pages 12 and 13, provide the calculation of the 2014 ECCR end of A. period net true-up and actual/estimated true-up amounts. The end of period net true-16 up amount to be carried forward to the 2015 ECCR factor is an over-recovery of 17 \$5,151,261 (Schedule C-3, page 12, line 11). This \$5,151,261 over-recovery 18 19 includes the 2013 final true-up over-recovery of \$1,964,488 (Schedule C-3, page 20 12, line 9a) filed with the Commission on May 2, 2014, and the 2014 21 actual/estimated true-up over-recovery, including interest, of \$3,186,774, (Schedule 22 C-3, page 12, lines 7 plus 8) for the period January 2014 through December 2014.

- The 2014 actual/estimated true-up over-recovery amount is based on actual data for
- the period January 2014 through June 2014 and estimates for the period July 2014
- 3 through December 2014.
- 4 Q. Were these calculations made in accordance with the procedures previously
- 5 approved in the predecessors to this Docket?
- 6 A. Yes, they were.
- 7 Q. Have you prepared a calculation of the allocation factors for demand and
- 8 energy?
- 9 A. Yes. Schedule C-1, page 2 included in AS-2, provides this calculation. The
- demand allocation factors are calculated by determining the percentage each rate
- class contributes to the monthly system peaks. The energy allocation factors are
- calculated by determining the percentage each rate class contributes to total kWh
- sales, as adjusted for losses.
- 14 Q. Have you prepared a calculation of the 2015 ECCR factors by rate class?
- 15 A. Yes. Schedule C-1, page 3 in Exhibit AS-2 provides the calculation of FPL's 2015
- 16 ECCR factors being requested.
- 17 **Q.** Does this conclude your testimony?
- 18 A. Yes.

# Florida Power & Light Co. Docket No. 140002-EG Table of Contents Exhibit AS-2, Page 1 of 1

<u>Schedule</u>	Sponsored By
C-1, Pages 1 - 3 of 3	Terry J. Keith
C-2, Pages 1 - 2 of 7	Anita Sharma
C-2, Pages 3 - 7 of 7	Terry J. Keith
C-3, Pages 1 - 4 of 13	Anita Sharma
C-3, Pages 5 - 10 of 13	Terry J. Keith
C-3, Page 11 of 13	Anita Sharma
C-3, Pages 12 - 13 of 13	Terry J. Keith
C-4, Page 1 of 1	Terry J. Keith
C-5, Pages 1 - 9 of 9	Anita Sharma

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

#### ESTIMATED FOR THE PERIOD OF: JANUARY 2015 THROUGH DECEMBER 2015

	Total Costs
Projected Costs (Schedule C-2, pg 2, line 23)	196,450,060
1. True-up Over/(Under) Recoveries ( Schedule C-3, pg 12, line 11)	5,151,261
3. Subtotal (line 1 minus line 2)	191,298,798
4. Less Load Management Incentives Not Subject To Revenue Taxes (a)	110,128,257
5. Project Costs Subject To Revenue Taxes (line 3 minus line 4)	81,170,541
6. Revenue Tax Multiplier	1.00072
7. Subtotal (line 5 * line 6)	81,228,984
8. Total Recoverable Costs (line 7+ line 4)	191,357,240
9. Total Cost	191,357,240
10. Energy Related Costs	61,004,687
11. Demand-Related Costs (total)	130,352,553
12. Demand costs allocated on 12 CP (Line 11/13 * 12)	120,325,432
13. Demand Costs allocated on 1/13 th (Line 11/13)	10,027,121

<sup>(</sup>a) (Schedule C-2, pg 2, Rebates Column, Program Nos. 7,15,16,17)

Costs are split in proportion to the current period split of demand-related (68.12%) and energy-related (31.88%) costs. The allocation of ECCR costs between demand and energy is shown on schedule C-2, page 1, and is consistent with the methodology set forth in Order No. PSC-93-1845-FOF-EG.

## FLORIDA POWER & LIGHT COMPANY ENERGY CONSERVATION COST RECOVERY CALCULATION OF ENERGY DEMAND ALLOCATION % BY RATE CLASS

#### ESTIMATED FOR THE PERIOD OF: JANUARY 2015 THROUGH DECEMBER 2015

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10)

RATE CLASS	AVG 12CP Load Factor at Meter (%) <sup>(a)</sup>	Projected Sales at Meter (kwh) (b)	Projected AVG 12CP at Meter (kW) (c)	Demand Loss Expansion Factor <sup>(d)</sup>	Energy Loss Expansion Factor <sup>(e)</sup>	Projected Sales at Generation (kwh) <sup>(f)</sup>	Projected AVG 12CP at Generation (kW) (g)	Percentage of Sales at Generation (%) <sup>(h)</sup>	Percentage of Demand at Generation (%) <sup>(i)</sup>
RS1/RTR1	62.339%	56,486,754,968	10,343,916	1.07273422	1.05687858	59,699,641,379	11,096,273	52.25760%	57.70790%
GS1/GST1/WIES1	70.132%	6,303,353,434	1,026,010	1.07273422	1.05687858	6,661,879,227	1,100,636	5.83142%	5.72403%
GSD1/GSDT1/HLFT1	76.094%	26,491,485,933	3,974,214	1.07263018	1.05679832	27,996,157,828	4,262,862	24.50621%	22.16968%
OS2	74.112%	11,006,147	1,695	1.06372574	1.02956109	11,331,501	1,803	0.00992%	0.00938%
GSLD1/GSLDT1/CS1/CST1/HLFT2	76.113%	10,833,502,128	1,624,817	1.07131612	1.05580061	11,438,018,155	1,740,693	10.01218%	9.05274%
GSLD2/GSLDT2/CS2/CST2/HLFT3	87.059%	2,574,841,239	337,623	1.06110282	1.04763148	2,697,484,738	358,253	2.36122%	1.86315%
GSLD3/GSLDT3/CS3/CST3	89.410%	177,940,556	22,719	1.02378679	1.01925379	181,366,586	23,259	0.15876%	0.12096%
SST1T	93.724%	89,096,934	10,852	1.02378679	1.01925379	90,812,388	11,110	0.07949%	0.05778%
SST1D1/SST1D2/SST1D3	75.410%	9,138,135	1,383	1.03714120	1.02956109	9,408,268	1,434	0.00824%	0.00746%
CILC D/CILC G	90.403%	3,085,079,885	389,564	1.05992932	1.04730798	3,231,028,782	412,910	2.82826%	2.14740%
CILC T	91.694%	1,356,675,191	168,901	1.02378679	1.01925379	1,382,796,330	172,919	1.21042%	0.89929%
MET	71.762%	82,790,174	13,170	1.03714120	1.02956109	85,237,542	13,659	0.07461%	0.07104%
OL1/SL1/PL1	359.698%	622,341,281	19,751	1.07273422	1.05687858	657,739,169	21,188	0.57575%	0.11019%
SL2, GSCU1	100.263%	92,875,590	10,574	1.07273422	1.05687858	98,158,222	11,343	0.08592%	0.05899%
Total		108,216,881,595	17,945,189			114,241,060,116	19,228,342	100.00000%	100.00000%

<sup>(</sup>a) AVG 12 CP load factor based on 2011-2013 load research data and 2015 projection.

<sup>(</sup>b) Projected kWh sales for the period January 2015 through December 2015

 $<sup>^{\</sup>text{(c)}}$  Calculated: CoI (3)/(8760 hours \* CoI (2)) , 8760 hours = annual hours

<sup>(</sup>d) Based on projected 2015 demand losses.

<sup>(</sup>e) Based on projected 2015 energy losses.

<sup>(</sup>f) Col (3) \* Col (6)

<sup>(</sup>g) Col (4) \* Col (5)

<sup>(</sup>h) Col (7) / total for Col (7)

<sup>(</sup>i) Col (8) / total for Col (8)

#### FLORIDA POWER & LIGHT COMPANY ENERGY CONSERVATION COST RECOVERY CALCULATION OF ENERGY CONSERVATION FACTORS

ESTIMATED FOR THE PERIOD OF: JANUARY 2015 THROUGH DECEMBER 2015

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
RATE CLASS	Percentage of Sales at Generation (%) <sup>(a)</sup>	Percentage of Demand at Generation (%) (b)	Demand Allocation 12CP (\$) (c)	Demand Allocation 1/13th (\$) <sup>(d)</sup>	Energy Allocation (\$) (e)	Total Recoverable Costs (\$) <sup>(f)</sup>	Projected Sales at Meter (kwh) <sup>(g)</sup>	Billing KW Load Factor (%) <sup>(h)</sup>	Projected Billed KW at Meter (kw)	Conservation Recovery Factor (\$/kw) <sup>(j)</sup>	Conservation Recovery Factor (\$/kwh) (k)	RDC (\$/KW) (I)	SDD (\$/KW) <sup>(m)</sup>
RS1/RTR1	52.25760%	57.70790%	\$69,437,283	\$5,239,933	\$31,879,588	\$106,556,805	56,486,754,968	-	-	-	0.00189	-	-
GS1/GST1/WIES1	5.83142%	5.72403%	\$6,887,464	\$584,724	\$3,557,441	\$11,029,629	6,303,353,434	-	-	-	0.00175	-	-
GSD1/GSDT1/HLFT1	24.50621%	22.16968%	\$26,675,764	\$2,457,268	\$14,949,939	\$44,082,970	26,491,485,933	51.60099%	70,327,546	0.63	-	-	-
OS2	0.00992%	0.00938%	\$11,283	\$995	\$6,051	\$18,328	11,006,147	-	-	-	0.00167	-	-
GSLD1/GSLDT1/CS1/CST1/HLFT2	10.01218%	9.05274%	\$10,892,754	\$1,003,933	\$6,107,898	\$18,004,585	10,833,502,128	55.38079%	26,797,044	0.67	-	-	-
GSLD2/GSLDT2/CS2/CST2/HLFT3	2.36122%	1.86315%	\$2,241,842	\$236,763	\$1,440,456	\$3,919,061	2,574,841,239	66.25224%	5,323,865	0.74	-	-	-
GSLD3/GSLDT3/CS3/CST3	0.15876%	0.12096%	\$145,551	\$15,919	\$96,850	\$258,319	177,940,556	70.94077%	343,602	0.75	-	-	-
SST1T	0.07949%	0.05778%	\$69,524	\$7,971	\$48,494	\$125,989	89,096,934	13.15150%	928,036	-	-	\$0.08	\$0.04
SST1D1/SST1D2/SST1D3	0.00824%	0.00746%	\$8,976	\$826	\$5,024	\$14,826	9,138,135	26.99741%	46,367	-	-	\$0.09	\$0.04
CILC D/CILC G	2.82826%	2.14740%	\$2,583,874	\$283,593	\$1,725,368	\$4,592,835	3,085,079,885	74.21337%	5,694,576	0.81	-	-	-
CILC T	1.21042%	0.89929%	\$1,082,075	\$121,370	\$738,413	\$1,941,858	1,356,675,191	76.87427%	2,417,531	0.80	-	-	-
MET	0.07461%	0.07104%	\$85,475	\$7,481	\$45,517	\$138,473	82,790,174	65.26192%	173,779	0.80	-	-	-
OL1/SL1/PL1	0.57575%	0.11019%	\$132,586	\$57,731	\$351,232	\$541,549	622,341,281	-	-	-	0.00087	-	-
SL2, GSCU1	0.08592%	0.05899%	\$70,982	\$8,616	\$52,416	\$132,014	92,875,590	-	-	-	0.00142	-	-
Total			\$120,325,432	\$10,027,121	\$61,004,687	\$191,357,240	108,216,881,595		112,052,346				

<sup>(</sup>a) Obtained from Schedule C-1, page 2, Col (9)

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.

<sup>(</sup>b) Obtained from Schedule C-1, page 2, Col (10)

<sup>(</sup>c) Total from C-1,page 1, line 12 X Col (3)

<sup>&</sup>lt;sup>(d)</sup> Total from C-1,page 1, line 13 X Col (2)

<sup>(</sup>e) Total from C-1, page 1, line 10 X Col (2)

<sup>(</sup>f) Total Recoverable Costs

<sup>&</sup>lt;sup>(g)</sup> Projected kWh sales for the period January 2015 through December 2015, From C-1 Page 2, Total of Column 3

<sup>(</sup>h) Based on 2011-2013 load research data and 2015 projections

<sup>(</sup>i) Col (8) /(Col(9)\*730)

<sup>(</sup>j) Col (7) / Col (10)

<sup>(</sup>k) Col (7) / Col (8)

<sup>((</sup> Total col 7)/(C-1, pg 2, total col 8)(.10) (C-1, pg 2, col 6)) / 12

 $<sup>^{(</sup>m)}$  ( total col 7/C-1, pg 2, total col 8)/(21 onpk days) (C-1, pg 2 , col 6))/ 12

#### ESTIMATED FOR THE PERIOD OF: JANUARY 2015 THROUGH DECEMBER 2015

	Method of C	Classification							Monthly Data						
PROGRAM TITLE	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
Residential Home Energy Survey	\$13,750,514	\$0	\$679,421	\$671,992	\$685,640	\$699,456	\$1,003,468	\$1,064,318	\$1,555,329	\$1,566,233	\$1,596,843	\$1,423,567	\$1,400,737	\$1,403,509	\$13,750,514
2. Residential Building Envelope	\$2,128,869	\$0	\$367,181	\$217,712	\$231,509	\$226,910	\$186,165	\$263,067	\$275,381	\$349,254	\$7,170	\$4,520	\$0	\$0	\$2,128,869
3. Residential Duct System Testing & Repair	\$377,851	\$0	\$64,848	\$77,103	\$71,738	\$68,077	\$47,930	\$16,759	\$19,702	\$7,776	\$1,960	\$1,960	\$0	\$0	\$377,851
4. Residential Air Conditioning	\$15,385,833	\$0	\$5,785,313	\$827,257	\$860,826	\$896,996	\$905,112	\$893,934	\$998,930	\$1,092,878	\$1,014,895	\$908,258	\$575,696	\$625,738	\$15,385,833
5. Residential New Construction (BuildSmart®)	\$371,462	\$0	\$50,252	\$62,122	\$53,950	\$53,097	\$47,805	\$51,899	\$52,337	\$0	\$0	\$0	\$0	\$0	\$371,462
6. Residential Low-Income Weatherization	\$139,453	\$0	\$5,125	\$10,612	\$31,682	\$8,815	\$12,121	\$10,353	\$11,037	\$10,783	\$11,380	\$10,197	\$8,642	\$8,705	\$139,453
7. Residential Load Management ("On Call")	\$0	\$57,986,938	\$3,674,112	\$3,525,558	\$3,355,626	\$5,211,161	\$5,548,250	\$5,890,862	\$5,891,585	\$5,835,974	\$5,869,079	\$5,724,376	\$3,547,645	\$3,912,708	\$57,986,938
8. Business Energy Evaluation	\$8,857,855	\$0	\$551,089	\$505,876	\$545,309	\$569,179	\$843,981	\$860,537	\$869,597	\$823,856	\$826,486	\$832,694	\$796,358	\$832,893	\$8,857,855
9. Business Efficient Lighting	\$321,598	\$0	\$46,748	\$69,319	\$38,493	\$35,209	\$28,598	\$37,061	\$27,765	\$28,178	\$8,169	\$2,058	\$0	\$0	\$321,598
10. Business Heating, Ventilating & A/C	\$6,322,934	\$0	\$114,929	\$580,493	\$386,489	\$506,215	\$227,163	\$324,807	\$246,885	\$1,509,326	\$2,310,608	\$81,183	\$16,842	\$17,995	\$6,322,934
11. Business Custom Incentive	\$578,941	\$0	\$10,424	\$310,907	\$74,273	\$78,952	\$40,686	\$21,696	\$21,791	\$20,214	\$0	\$0	\$0	\$0	\$578,941
12. Business Building Envelope	\$5,438,887	\$0	\$439,313	\$938,707	\$851,651	\$726,188	\$537,161	\$806,819	\$472,476	\$651,052	\$12,318	\$3,202	\$0	\$0	\$5,438,887
13. Business Water Heating	\$25,490	\$0	\$3,127	\$5,509	\$2,718	\$3,253	\$2,308	\$2,532	\$3,213	\$2,830	\$0	\$0	\$0	\$0	\$25,490
14. Business Refrigeration	\$21,208	\$0	\$1,991	\$4,229	\$2,199	\$20	\$6,423	\$1,582	\$2,683	\$2,082	\$0	\$0	\$0	\$0	\$21,208
15. Business On Call	\$0	\$4,116,662	\$65,253	\$83,259	\$68,545	\$525,180	\$605,681	\$585,487	\$586,241	\$567,330	\$560,641	\$322,850	\$99,267	\$46,926	\$4,116,662
16. Commercial/Industrial Load Control	\$0	\$40,506,369	\$2,831,591	\$2,823,880	\$2,845,203	\$3,378,312	\$2,904,790	\$5,151,922	\$3,422,321	\$2,903,430	\$3,426,213	\$2,837,059	\$3,368,680	\$4,612,970	\$40,506,369
17. Commercial/Industrial Demand Reduction	\$0	\$19,290,063	\$1,351,260	\$1,349,431	\$1,328,504	\$1,468,904	\$1,646,639	\$1,747,694	\$1,771,881	\$1,837,063	\$1,848,093	\$1,800,506	\$1,656,422	\$1,483,668	\$19,290,063
18. Business Photovoltaic for Schools Pilot	\$1,950,969	\$0	\$167,758	\$166,816	\$165,875	\$164,934	\$163,993	\$163,051	\$162,110	\$161,169	\$160,228	\$159,286	\$158,345	\$157,404	\$1,950,969
19. Solar Pilot Projects Common Expenses	\$408,428	\$0	\$35,295	\$35,066	\$34,837	\$34,608	\$34,379	\$34,150	\$33,921	\$33,692	\$33,463	\$33,234	\$33,005	\$32,776	\$408,428
20. Cogeneration & Small Power Production	\$496,975	\$0	\$41,453	\$35,286	\$40,627	\$41,842	\$40,475	\$44,187	\$44,550	\$39,260	\$43,770	\$43,056	\$38,046	\$44,424	\$496,975
21. Conservation Research & Development	\$468,718	\$0	\$56,804	\$55,891	\$87,158	\$57,158	\$11,605	\$42,158	\$12,710	\$36,605	\$32,158	\$12,158	\$31,605	\$32,710	\$468,718
22. Common Expenses	\$5,580,092	\$11,923,950	\$1,018,292	\$939,084	\$1,193,024	\$980,820	\$4,675,846	\$853,827	\$937,076	\$862,653	\$3,596,971	\$807,786	\$781,546	\$857,115	\$17,504,042
23. Recoverable Conservation Expenses	\$62,626,077	\$133,823,982	\$17,361,578	\$13,296,109	\$12,955,876	\$15,735,288	\$19,520,581	\$18,868,702	\$17,419,521	\$18,341,637	\$21,360,441	\$15,007,949	\$12,512,836	\$14,069,542	\$196,450,060

Note: Expenses include provision for projected severance.

#### ESTIMATED FOR THE PERIOD OF: JANUARY 2015 THROUGH DECEMBER 2015

PROGRAM TITLE	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	Total for Period
Residential Home Energy Survey	\$137,743	\$5,397,185		\$1,466,557	\$6,123,794		\$101,561	\$523,673	\$13,750,514
2. Residential Building Envelope		\$108,197		\$181,978		\$1,813,682	\$5,362	\$19,651	\$2,128,869
3. Residential Duct System Testing & Repair		\$207,593		\$51,686		\$142,011		(\$23,440)	\$377,851
4. Residential Air Conditioning		\$1,350,335		\$307,273		\$13,574,959	\$47,521	\$105,746	\$15,385,833
5. Residential New Construction (BuildSmart®)		\$288,323		\$54,066		\$9,817	\$5,108	\$14,147	\$371,462
6. Residential Low-Income Weatherization		\$39,247		\$1,561		\$81,545		\$17,100	\$139,453
7. Residential Load Management ("On Call")	\$6,905,168	\$1,966,748	(\$1,423,489)	\$2,376,302		\$47,602,227	\$11,613	\$548,369	\$57,986,938
8. Business Energy Evaluation		\$4,763,605	\$12,500	\$1,115,865	\$2,601,000		\$43,977	\$320,909	\$8,857,855
9. Business Efficient Lighting		\$146,205		\$54,288		\$114,048	\$797	\$6,259	\$321,598
10. Business Heating, Ventilating & A/C		\$325,330		\$152,329		\$5,766,122	\$4,784	\$74,369	\$6,322,934
11. Business Custom Incentive		\$15,480		\$10,700		\$549,128		\$3,633	\$578,941
12. Business Building Envelope		\$267,199		\$112,632		\$5,040,998	\$4,784	\$13,273	\$5,438,887
13. Business Water Heating				\$5,737		\$19,744		\$9	\$25,490
4. Business Refrigeration		\$3,275		\$6,329		\$11,115		\$489	\$21,208
15. Business On Call	\$386,456	\$112,926	(\$146,000)	\$260,987		\$3,449,761	\$2,746	\$49,786	\$4,116,662
16. Commercial/Industrial Load Control		\$244,876	\$6,374	\$4,518		\$40,192,472	\$225	\$57,903	\$40,506,369
17. Commercial/Industrial Demand Reduction		\$309,998	\$8,626	\$9,629		\$18,883,796	\$226	\$77,788	\$19,290,063
18. Business Photovoltaic for Schools Pilot	\$1,950,969								\$1,950,969
19. Solar Pilot Projects Common Expenses	\$408,428								\$408,428
20. Cogeneration & Small Power Production		\$670,800		\$3,560				(\$177,384)	\$496,975
21. Conservation Research & Development		\$143,718		\$325,000					\$468,718
22. Common Expenses	\$2,215,503	\$13,296,811		\$850,737			\$13,590	\$1,127,401	\$17,504,042
23. Recoverable Conservation Expenses	\$12,004,266	\$29,657,852	(\$1,541,989)	\$7,351,733	\$8,724,794	\$137,251,427	\$242,296	\$2,759,681	\$196,450,060

Note: Expenses include provision for projected severance.

#### ESTIMATED FOR THE PERIOD OF: JANUARY 2015 THROUGH DECEMBER 2015

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
1. Residential Home Energy Survey														
1. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2. Depreciation Base		\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	
3. Depreciation Expense (a)	_	\$8,757	\$8,757	\$8,757	\$8,757	\$8,757	\$8,757	\$8,757	\$8,757	\$8,757	\$8,757	\$8,757	\$8,757	\$105,082
4. Cumulative Investment (Line 2)	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	
5. Less: Accumulated Depreciation	\$126,974	\$135,731	\$144,488	\$153,245	\$162,002	\$170,759	\$179,516	\$188,272	\$197,029	\$205,786	\$214,543	\$223,300	\$232,057	
6. Net Investment (Line 4 - 5)	\$398,437	\$389,680	\$380,923	\$372,167	\$363,410	\$354,653	\$345,896	\$337,139	\$328,382	\$319,625	\$310,869	\$302,112	\$293,355	_
7. Average Net Investment	-	\$394,059	\$385,302	\$376,545	\$367,788	\$359,031	\$350,274	\$341,518	\$332,761	\$324,004	\$315,247	\$306,490	\$297,733	•
8. Return on Average Net Investment														
a. Equity Component (b)		\$1,607	\$1,571	\$1,536	\$1,500	\$1,464	\$1,428	\$1,393	\$1,357	\$1,321	\$1,286	\$1,250	\$1,214	
b. Equity Component grossed up for taxes (Line 8a/.61425)	•	\$2,616	\$2,558	\$2,500	\$2,442	\$2,384	\$2,326	\$2,267	\$2,209	\$2,151	\$2,093	\$2,035	\$1,977	\$27,558
c. Debt Component (Line 7 * debt rate * 1/12) (c)		\$484	\$474	\$463	\$452	\$441	\$431	\$420	\$409	\$398	\$388	\$377	\$366	\$5,103
9.Total Return Requirements (Line 8b + 8c)	-	\$3,101	\$3,032	\$2,963	\$2,894	\$2,825	\$2,756	\$2,687	\$2,618	\$2,549	\$2,481	\$2,412	\$2,343	\$32,661
10. Total Depreciation & Return (Line 3 + 9)	_	\$11,858	\$11,789	\$11,720	\$11,651	\$11,582	\$11,513	\$11,444	\$11,375	\$11,306	\$11,237	\$11,169	\$11,100	\$137,743

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

<sup>(</sup>b) Monthly Equity component for Jan-Dec is 4.8938% based on the May 2014 ROR Surveillance Report and reflects a 10.5% return on equity per Order No. PSC 12-0425-PAA-EU.

<sup>(</sup>c) Debt component for Jan-Dec is 1.4751% based on May 2014 ROR Surveillance Report, per PSC-12-0425-PAA-EU

#### ESTIMATED FOR THE PERIOD OF: JANUARY 2015 THROUGH DECEMBER 2015

Load Management (Program Nos. 7 & 15)  1. Investment (Net of Retirements)  2. Depreciation Base		_				.,	June Estimated	July Estimated	August Estimated	Estimated	Estimated	Estimated	Estimated	Amount
Depreciation Base		(\$20,402)	(\$105,777)	\$790,272	\$875,396	\$875,396	\$875,396	\$892,180	(\$1,213,840)	\$875,396	\$875,396	\$100,000	(\$38,894)	\$4,780,520
		\$26,561,238	\$26,455,461	\$27,245,733	\$28,121,129	\$28,996,526	\$29,871,922	\$30,764,102	\$29,550,262	\$30,425,658	\$31,301,055	\$31,401,055	\$31,362,161	
3. Depreciation Expense (a)		\$442,857	\$441,806	\$447,510	\$461,391	\$475,980	\$490,570	\$505,300	\$502,620	\$499,799	\$514,389	\$522,518	\$523,027	\$5,827,767
Cumulative Investment (Line 2)     \$\\$	\$26,581,640	\$26,561,238	\$26,455,461	\$27,245,733	\$28,121,129	\$28,996,526	\$29,871,922	\$30,764,102	\$29,550,262	\$30,425,658	\$31,301,055	\$31,401,055	\$31,362,161	
5. Less: Accumulated Depreciation \$	\$11,936,778	\$12,319,234	\$12,615,262	\$12,964,894	\$13,426,285	\$13,902,265	\$14,392,836	\$14,824,210	\$13,147,594	\$13,647,393	\$14,161,782	\$14,684,300	\$15,148,433	
6. Net Investment (Line 4 - 5)	\$14,644,862	\$14,242,005	\$13,840,199	\$14,280,839	\$14,694,844	\$15,094,260	\$15,479,086	\$15,939,892	\$16,402,668	\$16,778,265	\$17,139,272	\$16,716,755	\$16,213,728	
7. Average Net Investment		\$14,443,433	\$14,041,102	\$14,060,519	\$14,487,842	\$14,894,552	\$15,286,673	\$15,709,489	\$16,171,280	\$16,590,467	\$16,958,769	\$16,928,014	\$16,465,241	
8. Return on Average Net Investment														
a. Equity Component (b)		\$58,903	\$57,262	\$57,342	\$59,084	\$60,743	\$62,342	\$64,066	\$65,950	\$67,659	\$69,161	\$69,036	\$67,149	
<ul> <li>b. Equity Component grossed up for taxes (Line 8a/.61425)</li> </ul>		\$95,895	\$93,223	\$93,352	\$96,189	\$98,890	\$101,493	\$104,300	\$107,366	\$110,149	\$112,595	\$112,390	\$109,318	\$1,235,161
c. Debt Component (Line 7 * debt rate * 1/12) (c)		\$17,755	\$17,261	\$17,285	\$17,810	\$18,310	\$18,792	\$19,312	\$19,879	\$20,395	\$20,847	\$20,810	\$20,241	\$228,696
9.Total Return Requirements (Line 8b + 8c)	_	\$113,650	\$110,484	\$110,637	\$113,999	\$117,200	\$120,285	\$123,612	\$127,246	\$130,544	\$133,442	\$133,200	\$129,559	\$1,463,857
10. Total Depreciation & Return (Line 3 + 9)		\$556,507	\$552,290	\$558,147	\$575,390	\$593,180	\$610,855	\$628,912	\$629,865	\$630,343	\$647,831	\$655,718	\$652,585	\$7,291,624
Allocation of Depreciation and Return on Investment Between Programs														
Residential On Call Program No. 7 (94.7%)														
Depreciation (Prog #7)		\$419,386	\$418,390	\$423,792	\$436,937	\$450,754	\$464,570	\$478,519	\$475,981	\$473,310	\$487,127	\$494,824	\$495,306	\$5,518,896
Return (Prog #7)	_	\$107,626	\$104,628	\$104,773	\$107,957	\$110,988	\$113,910	\$117,061	\$120,502	\$123,625	\$126,370	\$126,140	\$122,692	\$1,386,272
Total (Prog #7)	_	\$527,012	\$523,019	\$528,565	\$544,894	\$561,741	\$578,480	\$595,580	\$596,482	\$596,935	\$613,496	\$620,965	\$617,998	\$6,905,168
Business On Call Program No. 15 (5.3%)														
Depreciation (Prog #15)		\$23,471	\$23,416	\$23,718	\$24,454	\$25,227	\$26,000	\$26,781	\$26,639	\$26,489	\$27,263	\$27,693	\$27,720	\$308,872
Return (Prog #15)		\$6,023	\$5,856	\$5,864	\$6,042	\$6,212	\$6,375	\$6,551	\$6,744	\$6,919	\$7,072	\$7,060	\$6,867	\$77,584
Total (Prog #15)	_	\$29,495	\$29,271	\$29,582	\$30,496	\$31,439	\$32,375	\$33,332	\$33,383	\$33,408	\$34,335	\$34,753	\$34,587	\$386,456
Total														
Depreciation		\$442,857	\$441,806	\$447,510	\$461,391	\$475,980	\$490,570	\$505,300	\$502,620	\$499,799	\$514,389	\$522,518	\$523,027	\$5,827,767
Return		\$113,650	\$110,484	\$110,637	\$113,999	\$117,200	\$120,285	\$123,612	\$127,246	\$130,544	\$133,442	\$133,200	\$129,559	\$1,463,857
Total	_	\$556,507	\$552,290	\$558,147	\$575,390	\$593,180	\$610,855	\$628,912	\$629,865	\$630,343	\$647,831	\$655,718	\$652,585	\$7,291,624

 $<sup>^{\</sup>rm (a)}$  Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

<sup>(</sup>b) Monthly Equity component for Jan-Dec is 4.8938% based on the May 2014 ROR Surveillance Report and reflects a 10.5% return on equity per Order No. PSC 12-0425-PAA-EU.

<sup>(</sup>c) Debt component for Jan-Dec is 1.4751% based on May 2014 ROR Surveillance Report, per PSC-12-0425-PAA-EU

#### ESTIMATED FOR THE PERIOD OF: JANUARY 2015 THROUGH DECEMBER 2015

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
18. Business Photovoltaic for Schools Pilot														
1. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2. Depreciation Base		\$7,177,183	\$7,177,183	\$7,177,183	\$7,177,183	\$7,177,183	\$7,177,183	\$7,177,183	\$7,177,183	\$7,177,183	\$7,177,183	\$7,177,183	\$7,177,183	
3. Depreciation Expense (a)	<u> </u>	\$119,620	\$119,620	\$119,620	\$119,620	\$119,620	\$119,620	\$119,620	\$119,620	\$119,620	\$119,620	\$119,620	\$119,620	\$1,435,437
4. Cumulative Investment (Line 2)	\$7,177,183	\$7,177,183	\$7,177,183	\$7,177,183	\$7,177,183	\$7,177,183	\$7,177,183	\$7,177,183	\$7,177,183	\$7,177,183	\$7,177,183	\$7,177,183	\$7,177,183	
5. Less: Accumulated Depreciation	\$999,672	\$1,119,291	\$1,238,911	\$1,358,531	\$1,478,150	\$1,597,770	\$1,717,390	\$1,837,010	\$1,956,629	\$2,076,249	\$2,195,869	\$2,315,488	\$2,435,108	
6. Net Investment (Line 4 - 5)	\$6,177,511	\$6,057,892	\$5,938,272	\$5,818,652	\$5,699,032	\$5,579,413	\$5,459,793	\$5,340,173	\$5,220,554	\$5,100,934	\$4,981,314	\$4,861,694	\$4,742,075	
7. Average Net Investment		\$6,117,701	\$5,998,082	\$5,878,462	\$5,758,842	\$5,639,223	\$5,519,603	\$5,399,983	\$5,280,363	\$5,160,744	\$5,041,124	\$4,921,504	\$4,801,885	
8. Return on Average Net Investment														
a. Equity Component (b)		\$24,949	\$24,461	\$23,974	\$23,486	\$22,998	\$22,510	\$22,022	\$21,534	\$21,047	\$20,559	\$20,071	\$19,583	
b. Equity Component grossed up for taxes (Line 8a/.61425)	-	\$40,617	\$39,823	\$39,029	\$38,235	\$37.441	\$36,646	\$35,852	\$35,058	\$34,264	\$33,470	\$32,675	\$31,881	\$434,992
c. Debt Component (Line 7 * debt rate * 1/12) (c)		\$7,520	\$7,373	\$7,226	\$7,079	\$6,932	\$6,785	\$6,638	\$6,491	\$6,344	\$6,197	\$6,050	\$5,903	\$80,541
9.Total Return Requirements (Line 8b + 8c)	-	\$48,138	\$47,197	\$46,255	\$45,314	\$44,373	\$43,432	\$42,490	\$41,549	\$40,608	\$39,667	\$38,725	\$37,784	\$515,532
10. Total Depreciation & Return (Line 3 + 9)	_	\$167,758	\$166,816	\$165,875	\$164,934	\$163,993	\$163,051	\$162,110	\$161,169	\$160,228	\$159,286	\$158,345	\$157,404	\$1,950,969

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

<sup>(</sup>b) Monthly Equity component for Jan-Dec is 4.8938% based on the May 2014 ROR Surveillance Report and reflects a 10.5% return on equity per Order No. PSC 12-0425-PAA-EU.

<sup>(</sup>c) Debt component for Jan-Dec is 1.4751% based on May 2014 ROR Surveillance Report, per PSC-12-0425-PAA-EU

#### ESTIMATED FOR THE PERIOD OF: JANUARY 2015 THROUGH DECEMBER 2015

	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
19. Solar Pilot Projects Common Expenses														
Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2. Depreciation Base		\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	
3. Depreciation Expense (a)	_	\$29,111	\$29,111	\$29,111	\$29,111	\$29,111	\$29,111	\$29,111	\$29,111	\$29,111	\$29,111	\$29,111	\$29,111	\$349,330
4. Cumulative Investment (Line 2)	\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	
5. Less: Accumulated Depreciation	\$946,101	\$975,212	\$1,004,323	\$1,033,434	\$1,062,544	\$1,091,655	\$1,120,766	\$1,149,877	\$1,178,988	\$1,208,098	\$1,237,209	\$1,266,320	\$1,295,431	
6. Net Investment (Line 4 - 5)	\$800,547	\$771,436	\$742,325	\$713,215	\$684,104	\$654,993	\$625,882	\$596,771	\$567,661	\$538,550	\$509,439	\$480,328	\$451,217	_
7. Average Net Investment		\$785,992	\$756,881	\$727,770	\$698,659	\$669,548	\$640,438	\$611,327	\$582,216	\$553,105	\$523,994	\$494,884	\$465,773	•
8. Return on Average Net Investment														
a. Equity Component (b)		\$3,205	\$3,087	\$2,968	\$2,849	\$2,731	\$2,612	\$2,493	\$2,374	\$2,256	\$2,137	\$2,018	\$1,900	
<ul> <li>b. Equity Component grossed up for taxes (Line 8a/.61425)</li> </ul>	-	\$5,218	\$5,025	\$4,832	\$4,639	\$4,445	\$4,252	\$4,059	\$3,866	\$3,672	\$3,479	\$3,286	\$3,092	\$49,865
c. Debt Component (Line 7 * debt rate * 1/12) (c)		\$966	\$930	\$895	\$859	\$823	\$787	\$752	\$716	\$680	\$644	\$608	\$573	\$9,233
9.Total Return Requirements (Line 8b + 8c)	-	\$6,185	\$5,956	\$5,727	\$5,497	\$5,268	\$5,039	\$4,810	\$4,581	\$4,352	\$4,123	\$3,894	\$3,665	\$59,098
10. Total Depreciation & Return (Line 3 + 9)	_	\$35,295	\$35,066	\$34,837	\$34,608	\$34,379	\$34,150	\$33,921	\$33,692	\$33,463	\$33,234	\$33,005	\$32,776	\$408,428

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

<sup>(</sup>b) Monthly Equity component for Jan-Dec is 4.8938% based on the May 2014 ROR Surveillance Report and reflects a 10.5% return on equity per Order No. PSC 12-0425-PAA-EU.

<sup>(</sup>c) Debt component for Jan-Dec is 1.4751% based on May 2014 ROR Surveillance Report, per PSC-12-0425-PAA-EU

#### ESTIMATED FOR THE PERIOD OF: JANUARY 2015 THROUGH DECEMBER 2015

	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
22. Common Expenses														
1. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2. Depreciation Base		\$9,740,312	\$9,740,312	\$9,740,312	\$9,740,312	\$9,740,312	\$9,740,312	\$9,740,312	\$9,740,312	\$9,740,312	\$9,740,312	\$9,740,312	\$9,740,312	
3. Depreciation Expense (a)		\$162,339	\$162,339	\$162,339	\$162,339	\$162,339	\$162,339	\$162,339	\$162,339	\$162,339	\$162,339	\$162,339	\$162,339	\$1,948,062
4. Cumulative Investment (Line 2)	\$9,740,312	\$9,740,312	\$9,740,312	\$9,740,312	\$9,740,312	\$9,740,312	\$9,740,312	\$9,740,312	\$9,740,312	\$9,740,312	\$9,740,312	\$9,740,312	\$9,740,312	
5. Less: Accumulated Depreciation	\$5,933,927	\$6,096,266	\$6,258,604	\$6,420,943	\$6,583,281	\$6,745,620	\$6,907,958	\$7,070,297	\$7,232,635	\$7,394,974	\$7,557,313	\$7,719,651	\$7,881,990	
6. Net Investment (Line 4 - 5)	\$3,806,385	\$3,644,047	\$3,481,708	\$3,319,370	\$3,157,031	\$2,994,693	\$2,832,354	\$2,670,015	\$2,507,677	\$2,345,338	\$2,183,000	\$2,020,661	\$1,858,323	
7. Average Net Investment		\$3,725,216	\$3,562,877	\$3,400,539	\$3,238,200	\$3,075,862	\$2,913,523	\$2,751,185	\$2,588,846	\$2,426,508	\$2,264,169	\$2,101,831	\$1,939,492	
8. Return on Average Net Investment														
a. Equity Component (b)		\$15,192	\$14,530	\$13,868	\$13,206	\$12,544	\$11,882	\$11,220	\$10,558	\$9,896	\$9,234	\$8,572	\$7,910	
b. Equity Component grossed up for taxes (Line 8a/.61425)		\$24,733	\$23,655	\$22,577	\$21,499	\$20,422	\$19,344	\$18,266	\$17,188	\$16,110	\$15,033	\$13,955	\$12,877	\$225,659
c. Debt Component (Line 7 * debt rate * 1/12) (c)		\$4,579	\$4,380	\$4,180	\$3,981	\$3,781	\$3,582	\$3,382	\$3,182	\$2,983	\$2,783	\$2,584	\$2,384	\$41,782
9.Total Return Requirements (Line 8b + 8c)	•	\$29,312	\$28,035	\$26,758	\$25,480	\$24,203	\$22,925	\$21,648	\$20,371	\$19,093	\$17,816	\$16,538	\$15,261	\$267,440
10. Total Depreciation & Return (Line 3 + 9)		\$191,651	\$190,373	\$189,096	\$187,819	\$186,541	\$185,264	\$183,987	\$182,709	\$181,432	\$180,154	\$178,877	\$177,600	\$2,215,503

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

<sup>(</sup>b) Monthly Equity component for Jan-Dec is 4.8938% based on the May 2014 ROR Surveillance Report and reflects a 10.5% return on equity per Order No. PSC 12-0425-PAA-EU.

<sup>(</sup>c) Debt component for Jan-Dec is 1.4751% based on May 2014 ROR Surveillance Report, per PSC-12-0425-PAA-EU

PROGRAM TITLE	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	Total for Period
Residential Home Energy Survey	-			<u>-</u>	<u>-</u>				
Actual	\$75,402	\$2,042,240	\$26,367	\$1,080,312	\$47,832	\$0	\$42,900	\$254,441	\$3,569,496
Estimated	\$72,592	\$2,426,810	\$0	\$438,751	\$5,425,585	\$0	\$28,349	\$201,989	\$8,594,077
Total	\$147,995	\$4,469,051	\$26,367	\$1,519,063	\$5,473,417	\$0	\$71,249	\$456,431	\$12,163,573
Residential Building Envelope									
Actual	\$0	\$149,182	\$44	\$145,915	\$0	\$1,277,674	\$3,850	\$7,677	\$1,584,342
Estimated	\$0	\$136,545	\$0	\$90,543	\$0	\$1,622,660	\$5,934	\$17,332	\$1,873,014
Total	\$0	\$285,727	\$44	\$236,458	\$0	\$2,900,334	\$9,784	\$25,009	\$3,457,356
3. Residential Duct System Testing & Repair									
Actual	\$0	\$364,082	\$4,603	\$37,795	\$0	\$96,953	\$550	(\$33,785)	\$470,199
Estimated	\$0	\$416,650	\$0	\$32,939	\$0	\$117,041	\$7,933	(\$87,474)	\$487,088
Total	\$0	\$780,732	\$4,603	\$70,734	\$0	\$213,994	\$8,483	(\$121,259)	\$957,287
Residential Air Conditioning									
Actual	\$0	\$861,565	\$658	\$225,431	\$0	\$32,765,950	\$28,115	\$44,842	\$33,926,561
Estimated	\$0	\$933,013	\$0	\$142,092	\$0	\$37,309,868	\$32,308	\$86,946	\$38,504,228
Total	\$0	\$1,794,578	\$658	\$367,523	\$0	\$70,075,818	\$60,423	\$131,789	\$72,430,789
5. Residential New Construction (BuildSmart®)									
Actual	\$0	\$265,482	\$0	\$72,556	\$0	\$16,650	\$0	\$39,769	\$394,456
Estimated	\$0	\$254,629	\$0	\$18,584	\$0	\$13,046	\$7,253	\$20,300	\$313,812
Total	\$0	\$520,111	\$0	\$91,140	\$0	\$29,696	\$7,253	\$60,068	\$708,268
3. Residential Low-Income Weatherization									
Actual	\$0	\$20,082	\$0	\$0	\$0	\$42,540	\$0	\$1,894	\$64,517
Estimated	\$0	\$20,135	\$0	\$1,072	\$0	\$43,666	\$0	\$2,999	\$67,871
Total	\$0	\$40,217	\$0	\$1,072	\$0	\$86,206	\$0	\$4,893	\$132,388
7. Residential Load Management ("On Call")									
Actual	\$3,110,566	(\$132,347)	\$153,349	\$1,374,151	\$0	\$21,486,724	\$24,438	\$243,774	\$26,260,654
Estimated	\$3,207,682	\$975,731	(\$802,084)	\$1,318,515	\$0	\$25,324,883	\$0	\$253,932	\$30,278,658
Total	\$6,318,247	\$843,384	(\$648,736)	\$2,692,666	\$0	\$46,811,607	\$24,438	\$497,705	\$56,539,312
B. Business Energy Evaluation				•					
Actual	\$0	\$1,977,838	\$4,816	\$478,094	\$40,214	\$0	\$9,922	\$118,379	\$2,629,263
Estimated	\$0	\$2,178,359	\$4,500	\$415,327	\$2,452,763	\$0	\$30,087	\$190,478	\$5,271,513
Total	\$0	\$4,156,197	\$9,316	\$893,420	\$2,492,977	\$0	\$40,008	\$308,857	\$7,900,776
9. Business Efficient Lighting	0.0	4404 004	0.45	400.000	•	<b>675 70</b> 4	**	<b>#</b> F 000	<b>#0.40.000</b>
Actual Estimated	\$0 \$0	\$121,661 \$139,279	\$15 \$0	\$39,822 \$13,522	\$0 \$0	\$75,761 \$80,764	\$0 \$659	\$5,669 \$4,195	\$242,928 \$238,419

PROGRAM TITLE	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	Total for Period
Total	\$0	\$260,940	\$15	\$53,344	\$0	\$156,525	\$659	\$9,864	\$481,347
10. Business Heating, Ventilating & A/C									
Actual	\$0	\$339,232	\$33	\$118,924	\$0	\$1,181,159	\$555	\$30,154	\$1,670,057
Estimated	\$0	\$409,567	\$0	\$43,621	\$0	\$2,288,696	\$4,949	\$48,065	\$2,794,899
Total	\$0	\$748,800	\$33	\$162,545	\$0	\$3,469,855	\$5,504	\$78,219	\$4,464,956
11. Business Custom Incentive									
Actual	\$0	\$18,960	\$0	\$0	\$0	\$66,530	\$0	\$2,177	\$87,668
Estimated	\$0	\$11,942	\$0	\$25,700	\$0	\$375,050	\$0	\$3,114	\$415,807
Total	\$0	\$30,903	\$0	\$25,700	\$0	\$441,581	\$0	\$5,291	\$503,475
2. Business Building Envelope									
Actual	\$0	\$242,677	\$48	\$87,149	\$0	\$3,617,907	\$2,750	\$7,440	\$3,957,971
Estimated	\$0	\$247,635	\$0	\$24,227	\$0	\$2,570,541	\$3,956	\$12,050	\$2,858,410
Total	\$0	\$490,312	\$48	\$111,376	\$0	\$6,188,449	\$6,706	\$19,490	\$6,816,381
13. Business Water Heating									
Actual	\$0	\$3,765	\$0	\$2,968	\$0	\$1,550	\$0	\$400	\$8,683
Estimated	\$0	\$3,386	\$0	\$1,040	\$0	\$2,996	\$0	\$53	\$7,475
Total	\$0	\$7,151	\$0	\$4,008	\$0	\$4,546	\$0	\$453	\$16,158
4. Business Refrigeration									
Actual	\$0	\$7,959	\$0	\$5,029	\$0	\$39,952	\$0	\$391	\$53,331
Estimated	\$0	\$7,235	\$0	\$1,510	\$0	\$1,872	\$20	\$2,086	\$12,723
Total	\$0	\$15,194	\$0	\$6,539	\$0	\$41,824	\$20	\$2,476	\$66,054
i. Business On Call									
Actual	\$174,198	\$72,382	\$2,375	\$223,533	\$0	\$1,366,286	\$22	\$12,922	\$1,851,718
Estimated	\$179,522	\$61,478	(\$146,000)	\$67,580	\$0	\$1,959,302	\$1,997	\$26,067	\$2,149,945
Total	\$353,720	\$133,860	(\$143,625)	\$291,112	\$0	\$3,325,588	\$2,019	\$38,988	\$4,001,663
6. Commercial/Industrial Load Control			,						
Actual	\$0	\$124,000	\$1,059	(\$14)	\$0	\$19,880,976	\$0	\$24,035	\$20,030,055
Estimated	\$0	\$123,122	\$337	\$4,222	\$0	\$20,399,201	\$124	\$42,238	\$20,569,244
Total	\$0	\$247,122	\$1,395	\$4,207	\$0	\$40,280,177	\$124	\$66,273	\$40,599,299
7. Commercial/Industrial Demand Reduction									
Actual	\$0	\$143,264	\$323	\$275	\$0	\$7,987,598	\$0	\$30,555	\$8,162,014
Estimated	\$0	\$150,116	\$405	\$6,696	\$0	\$9,907,640	\$125	\$49,996	\$10,114,979
Total	\$0	\$293,380	\$728	\$6,971	\$0	\$17,895,238	\$125	\$80,551	\$18,276,994
8. Res. Solar Water Heating Pilot									
Actual	\$0	\$121,985	\$0	\$45,273	\$0	\$610,000	\$0	\$2,792	\$780,049
Estimated	\$0	\$121,318	\$0	\$0	\$0	\$613,000	\$659	\$1,696	\$736,673
Estinated									

PROGRAM TITLE	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	Total for Period
19. Res. Solar Water Heating (LINC) Pilot	-								_
Actual	\$0	\$22,064	\$0	\$0	\$0	\$641,697	\$0	\$1,190	\$664,950
Estimated	\$0	\$22,636	\$0	\$0	\$0	\$810,000	\$0	\$414	\$833,050
Total	\$0	\$44,700	\$0	\$0	\$0	\$1,451,697	\$0	\$1,604	\$1,498,001
20. Residential Photovoltaic Pilot									
Actual	\$0	\$69,905	\$3	\$0	\$0	\$3,753,616	\$0	\$2,194	\$3,825,718
Estimated	\$0	\$96,090	\$0	\$0	\$0	\$883,440	\$659	\$1,796	\$981,985
Total	\$0	\$165,995	\$3	\$0	\$0	\$4,637,056	\$659	\$3,990	\$4,807,703
21. Business Solar Water Heating Pilot									
Actual	\$0	\$14,729	\$0	\$16,605	\$0	\$2,334	\$0	\$676	\$34,343
Estimated	\$0	\$17,955	\$0	\$0	\$0	\$202,018	\$0	\$560	\$220,532
Total	\$0	\$32,683	\$0	\$16,605	\$0	\$204,352	\$0	\$1,235	\$254,875
22. Business Photovoltaic Pilot									
Actual	\$0	\$37,694	\$0	\$48,405	\$0	\$1,219,948	\$0	\$984	\$1,307,030
Estimated	\$0	\$40,479	\$0	\$0	\$0	\$764,478	\$0	\$278	\$805,235
Total	\$0	\$78,173	\$0	\$48,405	\$0	\$1,984,426	\$0	\$1,261	\$2,112,264
23. Business Photovoltaic for Schools Pilot									
Actual	\$422,559	\$62,004	\$16	\$37,772	\$0	\$0	\$38	\$15,305	\$537,696
Estimated	\$871,525	\$52,781	\$0	\$53,611	\$0	\$0	\$0	\$355	\$978,272
Total	\$1,294,084	\$114,785	\$16	\$91,383	\$0	\$0	\$38	\$15,660	\$1,515,967
24. Renewable Research & Demo. Project									
Actual	\$0	\$23,682	\$0	\$252,313	\$0	\$0	\$0	\$230	\$276,224
Estimated	\$0	\$16,909	\$0	\$545,431	\$0	\$0	\$0	\$510	\$562,850
Total	\$0	\$40,591	\$0	\$797,744	\$0	\$0	\$0	\$740	\$839,074
25. Solar Pilot Projects Common Expenses									
Actual	\$225,563	\$36,505	\$0	\$0	\$0	\$0	\$0	\$99	\$262,167
Estimated	\$216,583	\$37,449	\$0	\$0	\$0	\$0	\$0	\$875	\$254,907
Total	\$442,146	\$73,954	\$0	\$0	\$0	\$0	\$0	\$974	\$517,073
26. Cogeneration & Small Power Production									
Actual	\$0	\$319,709	\$0	\$2,818	\$0	\$0	\$0	(\$95,572)	\$226,954
Estimated	\$0	\$331,279	\$0	\$0	\$0	\$0	\$0	(\$86,200)	\$245,079
Total	\$0	\$650,988	\$0	\$2,818	\$0	\$0	\$0	(\$181,773)	\$472,033
27. Conservation Research & Development									
Actual	\$0	\$52,398	\$9	\$135,157	\$0	\$0	\$0	\$234	\$187,798
Estimated	\$0	\$55,752	\$0	\$310,104	\$0	\$0	\$0	\$0	\$365,856
Total	\$0	\$108,150	\$9	\$445,261	\$0	\$0	\$0	\$234	\$553,654

PROGRAM TITLE		Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	Total for Period
28. Common Expenses			<del>-</del>		<del>-</del>	=	-		-	-
	Actual	\$1,143,309	\$4,227,343	\$1,029	\$423,568	\$0	\$0	\$10,506	\$705,123	\$6,510,877
	Estimated	\$1,120,400	\$4,446,313	\$760	\$839,816	\$0	\$0	\$13,291	\$711,985	\$7,132,564
	Total	\$2,263,709	\$8,673,656	\$1,789	\$1,263,384	\$0	\$0	\$23,796	\$1,417,107	\$13,643,441
9. Recoverable Conservation Expenses										
	Actual	\$5,151,597	\$11,610,043	\$194,747	\$4,853,849	\$88,046	\$96,131,804	\$123,646	\$1,423,985	\$119,577,718
	Estimated	\$5,668,304	\$13,734,593	(\$942,082)	\$4,394,902	\$7,878,348	\$105,290,164	\$138,304	\$1,506,633	\$137,669,165
	Total	\$10,819,901	\$25,344,636	(\$747,335)	\$9,248,751	\$7,966,394	\$201,421,968	\$261,950	\$2,930,618	\$257,246,883

#### JANUARY THROUGH JUNE 2014: ACTUAL JULY THROUGH DECEMBER 2014: ESTIMATED

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

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

<sup>(</sup>b) Monthly Equity Component for Jul-Dec 2014 estimated period is 4.8938% based on the May 2014 ROR Surveillance Report and reflects a 10.5% return on equity per Order No. PSC 12-0425-PAA-EU.

<sup>(</sup>c) Monthly Debt Component for Jan-Jun 2014 actual period is 1.5658% based on May 2013 ROR Surveillance report and the Debt Component for Jul-Dec 2014 estimated is 1.4751% based on the May 2014 ROR Surveillance Report, per Order PSC-12-0425-PAA-EU.

JANUARY THROUGH JUNE 2014: ACTUAL JULY THROUGH DECEMBER 2014: ESTIMATED

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
Load Management (Program Nos. 7 & 15)														
1. Investment (Net of Retirements)		(\$1,012,950)	\$120,291	(\$8,519)	\$7,138	\$2,592,896	\$646,687	\$1,183,737	(\$6,432,208)	\$857,310	\$1,031,149	\$135,151	(\$70,073)	(\$949,392)
2. Depreciation Base		\$26,518,082	\$26,638,373	\$26,629,854	\$26,636,992	\$29,229,888	\$29,876,574	\$31,060,311	\$24,628,103	\$25,485,413	\$26,516,562	\$26,651,713	\$26,581,640	
3. Depreciation Expense (a)		\$450,409	\$442,970	\$443,902	\$443,890	\$465,557	\$492,554	\$507,807	\$464,070	\$417,613	\$433,350	\$443,069	\$443,611	\$5,448,803
4. Cumulative Investment (Line 2)	\$27,531,032	\$26,518,082	\$26,638,373	\$26,629,854	\$26,636,992	\$29,229,888	\$29,876,574	\$31,060,311	\$24,628,103	\$25,485,413	\$26,516,562	\$26,651,713	\$26,581,640	
5. Less: Accumulated Depreciation	\$15,686,111	\$15,043,719	\$15,486,745	\$15,930,647	\$16,342,990	\$16,787,900	\$17,194,885	\$17,697,359	\$10,537,584	\$10,800,291	\$11,230,933	\$11,614,391	\$11,936,778	
6. Net Investment (Line 4 - 5)	\$11,844,921	\$11,474,363	\$11,151,628	\$10,699,207	\$10,294,001	\$12,441,987	\$12,681,689	\$13,362,952	\$14,090,520	\$14,685,122	\$15,285,629	\$15,037,322	\$14,644,862	
7. Average Net Investment	,	\$11,659,642	\$11,312,995	\$10,925,417	\$10,496,604	\$11,367,994	\$12,561,838	\$13,022,320	\$13,726,736	\$14,387,821	\$14,985,376	\$15,161,476	\$14,841,092	
Return on Average Net Investment     a. Equity Component (b)		\$47.834	\$46,412	\$44,822	\$43,062	\$46,637	\$51.535	\$53,108	\$55.980	\$58.676	\$61,113	\$61,832	\$60,525	
<ul> <li>b. Equity Component grossed up for taxes (Line 8a/.61425)</li> </ul>		\$77,873	\$75,558	\$72,970	\$70,106	\$75,925	\$83,899	\$86,459	\$91,136	\$95,525	\$99,493	\$100,662	\$98,535	\$1,028,141
c. Debt Component (Line 7 * debt rate * 1/12) (c)		\$15,214	\$14,761	\$14,255	\$13,696	\$14,833	\$16,391	\$16,008	\$16,874	\$17,687	\$18,422	\$18,638	\$18,244	\$195,023
9.Total Return Requirements (Line 8b + 8c)		\$93,087	\$90,319	\$87,225	\$83,801	\$90,758	\$100,290	\$102,468	\$108,010	\$113,212	\$117,914	\$119,300	\$116,779	\$1,223,164
10. Total Depreciation & Return (Line 3 + 9)		\$543,496	\$533,290	\$531,127	\$527,692	\$556,316	\$592,844	\$610,275	\$572,081	\$530,825	\$551,264	\$562,369	\$560,390	\$6,671,967
Allocation of Depreciation and Return on Investment Between Programs														
Residential On Call Program No. 7 (94.7%)														
Depreciation (Prog #7)		\$426,538	\$419,493	\$420,375	\$420,364	\$440,883	\$466,448	\$480,894	\$439,474	\$395,479	\$410,382	\$419,586	\$420,100	\$5,160,017
Return (Prog #7)		\$88,136	\$85,515	\$82,584	\$79,342	\$85,931	\$94,957	\$97,037	\$102,286	\$107,212	\$111,665	\$112,977	\$110,590	\$1,158,230
Total (Prog #7)		\$514,673	\$505,008	\$502,960	\$499,707	\$526,813	\$561,405	\$577,930	\$541,760	\$502,691	\$522,047	\$532,563	\$530,689	\$6,318,247
Business On Call Program No. 15 (5.3%)														
Depreciation (Prog #15)		\$23,872	\$23,477	\$23,527	\$23,526	\$24,675	\$26,105	\$26,914	\$24,596	\$22,133	\$22,968	\$23,483	\$23,511	\$288,787
Return (Prog #15)		\$4,951	\$4,805	\$4,641	\$4,459	\$4,828	\$5,333	\$5,431	\$5,725	\$6,000	\$6,249	\$6,323	\$6,189	\$64,933
Total (Prog #15)		\$28,823	\$28,282	\$28,167	\$27,985	\$29,502	\$31,438	\$32,345	\$30,320	\$28,134	\$29,217	\$29,806	\$29,701	\$353,720
<u>Total</u>														
Depreciation		\$450,409	\$442,970	\$443,902	\$443,890	\$465,557	\$492,554	\$507,807	\$464,070	\$417,613	\$433,350	\$443,069	\$443,611	\$5,448,803
Return		\$93,087	\$90,319	\$87,225	\$83,801	\$90,758	\$100,290	\$102,468	\$108,010	\$113,212	\$117,914	\$119,300	\$116,779	\$1,223,164
Total		\$543,496	\$533,290	\$531,127	\$527,692	\$556,316	\$592,844	\$610,275	\$572,081	\$530,825	\$551,264	\$562,369	\$560,390	\$6,671,967

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

<sup>(</sup>b) Monthly Equity Component for Jul-Dec 2014 estimated period is 4.8938% based on the May 2014 ROR Surveillance Report and reflects a 10.5% return on equity. Monthly Equity component for Jul-Dec 2014 estimated period is 4.8938% based on the May 2014 ROR Surveillance Report and reflects a 10.5% return on equity per Order No. PSC 12-0425-PAA-EU.

<sup>(</sup>e) Monthly Debt Component for Jan-Jun 2014 actual period is 1.5658% based on May 2013 ROR Surveillance report and the Debt Component for Jul-Dec 2014 estimated is 1.4751% based on the May 2014 ROR Surveillance Report, per Order PSC-12-0425-PAA-EU.

#### JANUARY THROUGH JUNE 2014: ACTUAL JULY THROUGH DECEMBER 2014: ESTIMATED

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
23. Business Photovoltaic for Schools Pilot														
1. Investment (Net of Retirements)		\$0	\$357,895	\$556,059	\$794,161	\$119,620	\$0	\$763,807	\$775,936	\$1,700,186	\$134,917	\$0	\$0	\$5,202,580
2. Depreciation Base		\$1,974,602	\$2,332,498	\$2,888,556	\$3,682,717	\$3,802,337	\$3,802,337	\$4,566,144	\$5,342,080	\$7,042,266	\$7,177,183	\$7,177,183	\$7,177,183	
3. Depreciation Expense (a)		\$32,910	\$35,893	\$43,509	\$54,761	\$62,375	\$63,372	\$69,737	\$82,569	\$103,203	\$118,495	\$119,620	\$119,620	\$906,063
4. Cumulative Investment (Line 2)	\$1,974,602	\$1,974,602	\$2,332,498	\$2,888,556	\$3,682,717	\$3,802,337	\$3,802,337	\$4,566,144	\$5,342,080	\$7,042,266	\$7,177,183	\$7,177,183	\$7,177,183	
5. Less: Accumulated Depreciation	\$93,608	\$126,518	\$162,411	\$205,920	\$260,680	\$323,056	\$386,428	\$456,165	\$538,734	\$641,937	\$760,432	\$880,052	\$999,672	_,
6. Net Investment (Line 4 - 5)	\$1,880,994	\$1,848,084	\$2,170,087	\$2,682,637	\$3,422,037	\$3,479,281	\$3,415,909	\$4,109,979	\$4,803,346	\$6,400,329	\$6,416,751	\$6,297,131	\$6,177,511	_,
7. Average Net Investment		\$1,864,539	\$2,009,085	\$2,426,362	\$3,052,337	\$3,450,659	\$3,447,595	\$3,762,944	\$4,456,662	\$5,601,838	\$6,408,540	\$6,356,941	\$6,237,321	
Return on Average Net Investment     a. Equity Component (b)     b. Equity Component grossed up for taxes (Line		\$7,649	\$8,242	\$9,954	\$12,522	\$14,156	\$14,144	\$15,346	\$18,175	\$22,845	\$26,135	\$25,925	\$25,437	•
8a/.61425)		\$12,453	\$13,418	\$16,205	\$20,386	\$23,047	\$23,026	\$24,983	\$29,589	\$37,192	\$42,548	\$42,206	\$41,412	\$326,466
c. Debt Component (Line 7 * debt rate * 1/12) (c)		\$2,433	\$2,621	\$3,166	\$3,983	\$4,502	\$4,498	\$4,626	\$5,479	\$6,886	\$7,878	\$7,815	\$7,668	\$61,555
9.Total Return Requirements (Line 8b + 8c)		\$14,886	\$16,040	\$19,371	\$24,369	\$27,549	\$27,524	\$29,609	\$35,068	\$44,079	\$50,426	\$50,020	\$49,079	\$388,021
10. Total Depreciation & Return (Line 3 + 9)		\$47,796	\$51,932	\$62,880	\$79,129	\$89,924	\$90,897	\$99,346	\$117,636	\$147,282	\$168,922	\$169,640	\$168,699	\$1,294,084

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

<sup>(</sup>b) Monthly Equity Component for Jul-Dec 2014 estimated period is 4.8938% based on the May 2014 ROR Surveillance Report and reflects a 10.5% return on equity per Order No. PSC 12-0425-PAA-EU.

<sup>(</sup>c) Monthly Debt Component for Jan-Jun 2014 actual period is 1.5658% based on May 2013 ROR Surveillance report and the Debt Component for Jul-Dec 2014 estimated is 1.4751% based on the May 2014 ROR Surveillance Report, per Order PSC-12-0425-PAA-EU.

JANUARY THROUGH JUNE 2014: ACTUAL JULY THROUGH DECEMBER 2014: ESTIMATED

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

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

<sup>(</sup>b) Monthly Equity Component for Jul-Dec 2014 estimated period is 4.8938% based on the May 2014 ROR Surveillance Report and reflects a 10.5% return on equity per Order No. PSC 12-0425-PAA-EU.

<sup>(</sup>c) Monthly Debt Component for Jan-Jun 2014 actual period is 1.5658% based on May 2013 ROR Surveillance report and the Debt Component for Jul-Dec 2014 estimated is 1.4751% based on the May 2014 ROR Surveillance Report, per Order PSC-12-0425-PAA-EU.

#### JANUARY THROUGH JUNE 2014: ACTUAL JULY THROUGH DECEMBER 2014: ESTIMATED

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
28. Common Expenses														
1. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$37,820	\$16,800	\$8,400	\$503,730	\$47,590	\$41,890	\$656,230
2. Depreciation Base		\$9,084,082	\$9,084,082	\$9,084,082	\$9,084,082	\$9,084,082	\$9,084,082	\$9,121,902	\$9,138,702	\$9,147,102	\$9,650,832	\$9,698,422	\$9,740,312	
3. Depreciation Expense (a)		\$168,733	\$151,401	\$151,401	\$151,401	\$151,401	\$151,401	\$151,717	\$152,172	\$152,382	\$156,649	\$161,244	\$161,989	\$1,861,892
4. Cumulative Investment (Line 2)	\$9,084,082	\$9,084,082	\$9,084,082	\$9,084,082	\$9,084,082	\$9,084,082	\$9,084,082	\$9,121,902	\$9,138,702	\$9,147,102	\$9,650,832	\$9,698,422	\$9,740,312	
5. Less: Accumulated Depreciation	\$4,072,035	\$4,240,768	\$4,392,169	\$4,543,570	\$4,694,972	\$4,846,373	\$4,997,774	\$5,149,491	\$5,301,663	\$5,454,044	\$5,610,694	\$5,771,938	\$5,933,927	_
6. Net Investment (Line 4 - 5)	\$5,012,047	\$4,843,315	\$4,691,913	\$4,540,512	\$4,389,111	\$4,237,709	\$4,086,308	\$3,972,411	\$3,837,040	\$3,693,058	\$4,040,138	\$3,926,484	\$3,806,385	• =
7. Average Net Investment		\$4,927,681	\$4,767,614	\$4,616,213	\$4,464,811	\$4,313,410	\$4,162,008	\$4,029,360	\$3,904,725	\$3,765,049	\$3,866,598	\$3,983,311	\$3,866,435	•
Return on Average Net Investment     a. Equity Component (b)		\$20,216	\$19,559	\$18,938	\$18,317	\$17,696	\$17,075	\$16,433	\$15,924	\$15,355	\$15,769	\$16,245	\$15,768	
<ul><li>b. Equity Component grossed up for taxes (Line 8a/.61425)</li></ul>		\$32,911	\$31,842	\$30,831	\$29,820	\$28,809	\$27,798	\$26,752	\$25,925	\$24,997	\$25,672	\$26,446	\$25,670	<b>\$</b> 337,474
c. Debt Component (Line 7 * debt rate * 1/12) (c)		\$6,430	\$6,221	\$6,023	\$5,826	\$5,628	\$5,431	\$4,953	\$4,800	\$4,628	\$4,753	\$4,897	\$4,753	\$64,343
9.Total Return Requirements (Line 8b + 8c)		\$39,341	\$38,063	\$36,854	\$35,646	\$34,437	\$33,228	\$31,705	\$30,725	\$29,626	\$30,425	\$31,343	\$30,423	\$401,816
10. Total Depreciation & Return (Line 3 + 9)		\$208,074	\$189,464	\$188,256	\$187,047	\$185,838	\$184,629	\$183,422	\$182,896	\$182,007	\$187,074	\$192,587	\$192,413	\$2,263,709

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

<sup>(</sup>b) Monthly Equity Component for Jul-Dec 2014 estimated period is 4.8938% based on the May 2014 ROR Surveillance Report and reflects a 10.5% return on equity per Order No. PSC 12-0425-PAA-EU.

<sup>(</sup>c) Monthly Debt Component for Jan-Jun 2014 actual period is 1.5658% based on May 2013 ROR Surveillance report and the Debt Component for Jul-Dec 2014 estimated is 1.4751% based on the May 2014 ROR Surveillance Report, per Order PSC-12-0425-PAA-EU.

#### FLORIDA POWER & LIGHT COMPANY

#### Schedule of Return on Advanced Capacity Payment

#### Solid Waste Authority

#### For the Period January through December 2014

Line No.	Description	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	Total	Line No.
1.	Advance Capacity Payment - Jurisdictional Amount (a)		53,928,932	53,928,932	53,928,932	53,928,932	53,928,932	53,928,932	53,928,932	53,928,932	53,928,932	53,928,932	53,928,932	53,928,932		1.
2.	Advance Capacity Payment accumulated expense		4,494,078	8,988,156	13,482,234	17,976,312	22,470,390	26,964,468	31,458,546	35,952,624	40,446,702	44,940,780	49,434,858	53,928,932		2.
3.	Unrecovered SWA balance (Line 1 - 2)	\$ -	\$ 49,434,854	\$ 44,940,776 \$	40,446,698 \$	35,952,620	\$ 31,458,542 \$	26,964,464 \$	22,470,386	\$ 17,976,308 \$	13,482,230	\$ 8,988,152 \$	4,494,074 \$	0	n/a	3.
4.	Average Advanced Capacity Payments		\$ 24,717,427.08	\$ 47,187,815.15 \$	42,693,737.15	38,199,659.15	\$ 33,705,581.15 \$	29,211,503.15 \$	24,717,425.15	\$ 20,223,347.15 \$	15,729,269.15	\$ 11,235,191.15 \$	6,741,113.15 \$	2,247,037.15	n/a	4.
5.	Return on Average Advance Capacity Payments															5.
	a. Equity Component (b)	_	101,403	193,588	175,151	156,714	138,277	119,840	100,803	82,475	64,147	45,819	27,492	9,164		
	b. Equity Component grossed up for taxes (Line 5a/.61425)	•	165,085	315,162	285,146	255,131	225,115	195,100	164,107	134,269	104,432	74,594	44,756	14,919	1,977,81	5
	c. Debt Component (Line 7 * debt rate /12) ( c )		32,251	61,571	55,707	49,843	43,979	38,115	30,385	24,861	19,336	13,811	8,287	2,762	380,90	8
6.	Advanced Capacity Payment Expense		4,494,078	4,494,078	4,494,078	4,494,078	4,494,078	4,494,078	4,494,078	4,494,078	4,494,078	4,494,078	4,494,078	4,494,074	53,928,93	2 6.
7.	Total System Recoverable Expenses (Lines 5 & 6)		4,691,414	4,870,810	4,834,931	4,799,052	4,763,172	4,727,293	4,688,570	4,653,208	4,617,846	4,582,483	4,547,121	4,511,755	56,287,65	6 7.

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

<sup>(</sup>b) 'The gross-up factor for taxes uses 0.61425, which reflects the Federal Income Tax Rate of 35%. The monthly Equity Component for the Jan - Jun 2014 period is 4.9230% per FPSC Order No. PSC-12-0425-PAA-EU. and reflects a 10.5% return on equity. The monthly Equity Component for the Jul - Dec 2014 period is 4.8938% based on the May 2014 Earnings Surveillance Report and reflects a 10.5% return on equity.

<sup>(</sup>c) 'The Debt Component for the Jan - Jun 2014 period is 1.5658% based on FPSC Order No. PSC-12-0425-PAA-EUI, and the Debt Component for the Jul - Dec 2014 period is 1.4751% based on the May 2014 Earnings Surveillance Report and reflects a 10.5% ROE.

	Monthly Data												
PROGRAM TITLE	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
Residential Home Energy Survey	\$663,029	\$419,211	\$461,324	\$490,545	\$509,885	\$1,025,502	\$2,220,493	\$2,070,710	\$2,185,124	\$866,212	\$594,480	\$657,058	\$12,163,573
2. Residential Building Envelope	\$396,154	\$228,257	\$218,202	\$220,615	\$227,030	\$294,083	\$351,606	\$364,997	\$336,983	\$346,571	\$276,900	\$195,957	\$3,457,356
3. Residential Duct System Testing & Repair	\$62,069	\$81,709	\$80,261	\$81,225	\$86,626	\$78,309	\$87,412	\$66,463	\$82,134	\$85,473	\$83,897	\$81,710	\$957,287
4. Residential Air Conditioning	\$4,955,314	\$4,970,514	\$5,640,863	\$5,797,021	\$6,221,429	\$6,341,420	\$7,059,092	\$7,715,846	\$7,488,322	\$7,058,296	\$4,422,302	\$4,760,370	\$72,430,789
5. Residential New Construction (BuildSmart®)	\$53,613	\$67,141	\$68,212	\$66,532	\$71,941	\$67,018	\$60,110	\$48,862	\$50,882	\$53,964	\$47,894	\$52,101	\$708,268
6. Residential Low-Income Weatherization	\$29,281	(\$15,765)	\$20,647	\$9,142	\$11,009	\$10,203	\$12,873	\$13,595	\$12,675	\$10,900	\$8,839	\$8,990	\$132,388
7. Residential Load Management ("On Call")	\$3,511,381	\$3,426,427	\$3,275,703	\$4,741,135	\$5,712,472	\$5,593,536	\$5,758,464	\$5,723,967	\$5,751,205	\$5,848,157	\$3,551,780	\$3,645,085	\$56,539,312
8. Business Energy Evaluation	\$472,364	\$354,947	\$363,157	\$386,466	\$428,949	\$623,380	\$890,807	\$1,324,481	\$1,348,042	\$661,735	\$427,091	\$619,356	\$7,900,776
9. Business Efficient Lighting	\$40,744	\$65,221	\$30,111	\$31,013	\$45,999	\$29,839	\$57,342	\$29,134	\$42,900	\$32,251	\$35,406	\$41,385	\$481,347
10. Business Heating, Ventilating & A/C	\$136,658	\$496,239	\$136,940	\$555,359	\$222,211	\$122,650	\$175,792	\$158,380	\$357,992	\$400,151	\$1,582,103	\$120,482	\$4,464,956
11. Business Custom Incentive	\$4,772	\$4,243	\$4,370	\$3,095	\$18,996	\$52,192	\$2,600	\$96,873	\$53,251	\$81,519	\$10,783	\$170,781	\$503,475
12. Business Building Envelope	\$430,904	\$643,746	\$702,427	\$680,777	\$699,320	\$800,797	\$490,534	\$375,947	\$416,283	\$393,987	\$340,042	\$841,617	\$6,816,381
13. Business Water Heating	\$826	\$1,577	\$747	\$1,068	\$3,542	\$922	\$1,126	\$719	\$744	\$3,766	\$522	\$598	\$16,158
14. Business Refrigeration	\$1,279	\$5,481	\$801	\$25,978	\$16,805	\$2,986	\$3,940	\$1,441	\$3,333	\$1,556	\$1,143	\$1,310	\$66,054
15. Business On Call	\$64,444	\$88,157	\$84,731	\$496,729	\$566,195	\$551,463	\$579,959	\$559,410	\$551,551	\$318,434	\$95,368	\$45,223	\$4,001,663
16. Commercial/Industrial Load Control	\$2,640,073	\$2,574,078	\$2,985,519	\$2,952,643	\$2,875,689	\$6,002,054	\$2,973,227	\$3,560,396	\$2,911,677	\$2,892,421	\$2,890,677	\$5,340,846	\$40,599,299
17. Commercial/Industrial Demand Reduction	\$1,251,785	\$1,185,933	\$1,210,186	\$1,369,015	\$1,560,853	\$1,584,242	\$1,822,445	\$1,845,594	\$1,779,304	\$1,780,425	\$1,445,833	\$1,441,379	\$18,276,994
18. Res. Solar Water Heating Pilot	\$138,255	\$143,043	\$106,289	\$115,368	\$135,212	\$141,883	\$121,575	\$133,818	\$120,551	\$111,483	\$112,886	\$136,360	\$1,516,723
19. Res. Solar Water Heating (LINC) Pilot	\$19,301	\$23,151	\$23,172	\$22,403	\$33,436	\$543,487	\$105,197	\$123,805	\$142,526	\$153,947	\$153,634	\$153,942	\$1,498,001
20. Residential Photovoltaic Pilot	\$536,220	\$1,458,910	\$772,895	\$272,125	\$343,417	\$442,151	\$311,628	\$310,299	\$310,840	\$17,102	\$15,078	\$17,038	\$4,807,703
21. Business Solar Water Heating Pilot	\$2,717	\$5,002	\$2,661	\$2,589	\$2,269	\$19,105	\$3,163	\$3,066	\$63,633	\$53,668	\$53,435	\$43,567	\$254,875
22. Business Photovoltaic Pilot	\$63,311	\$288,276	\$432,335	\$225,542	\$45,447	\$252,118	\$328,965	\$328,428	\$6,773	\$127,786	\$6,237	\$7,046	\$2,112,264
23. Business Photovoltaic for Schools Pilot	\$59,290	\$60,291	\$88,441	\$94,218	\$113,424	\$122,031	\$124,602	\$143,203	\$172,138	\$182,678	\$177,696	\$177,955	\$1,515,967
24. Renewable Research & Demo. Project	\$7,086	\$26,092	\$28,204	\$7,286	\$115,736	\$91,820	\$185,008	\$188,452	\$59,243	\$41,246	\$48,562	\$40,339	\$839,074
25. Solar Pilot Projects Common Expenses	\$44,531	\$43,479	\$43,885	\$43,759	\$43,517	\$42,996	\$43,295	\$42,499	\$42,828	\$42,608	\$41,528	\$42,150	\$517,073
26. Cogeneration & Small Power Production	\$47,611	\$36,799	\$43,809	\$35,280	\$32,303	\$31,152	\$43,144	\$38,061	\$42,345	\$43,020	\$35,551	\$42,959	\$472,033
27. Conservation Research & Development	\$28,121	\$30,877	\$54,464	\$50,992	\$13,270	\$10,075	\$44,335	\$50,335	\$139,758	\$52,335	\$38,913	\$40,180	\$553,654
28. Common Expenses	\$1,082,399	\$966,918	\$1,265,632	\$1,037,102	\$1,137,979	\$1,020,847	\$1,173,089	\$1,058,633	\$1,179,706	\$1,159,520	\$1,091,806	\$1,469,809	\$13,643,442
29. Subtotal All Programs	\$16,743,529	\$17,679,955	\$18,145,988	\$19,815,026	\$21,294,961	\$25,898,260	\$25,031,824	\$26,377,414	\$25,652,743	\$22,821,210	\$17,590,385	\$20,195,589	\$257,246,884
30.Solid Waste Authority	\$4,691,414	\$4,870,810	\$4,834,931	\$4,799,052	\$4,763,172	\$4,727,293	\$4,688,570	\$4,653,208	\$4,617,846	\$4,582,483	\$4,547,121	\$4,511,755	\$56,287,656
31. Recoverable Conservation Expenses	\$21,434,943	\$22,550,765	\$22,980,919	\$24,614,077	\$26,058,133	\$30,625,554	\$29,720,394	\$31,030,622	\$30,270,589	\$27,403,693	\$22,137,507	\$24,707,344	\$313,534,540

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

	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
B. CONSERVATION PROGRAM REVENUES													<u>.</u>
Residential Load Control Credit	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	60
Conservation Clause Revenues (Net of Revenue Taxes)						• •					• •	**	\$0
,	\$25,564,137	\$24,150,715	\$23,349,782	\$24,459,158	\$28,038,921	\$28,902,001	\$31,715,604	\$33,061,600	\$32,754,740	\$30,164,931	\$25,354,156	\$25,068,204	\$332,583,949
3. Total Revenues	\$25,564,137	\$24,150,715	\$23,349,782	\$24,459,158	\$28,038,921	\$28,902,001	\$31,715,604	\$33,061,600	\$32,754,740	\$30,164,931	\$25,354,156	\$25,068,204	\$332,583,949
<ol> <li>Adjustment Not Applicable To Period - Prior True-up</li> </ol>	(\$1,321,632)	(\$1,321,632)	(\$1,321,632)	(\$1,321,632)	(\$1,321,632)	(\$1,321,632)	(\$1,321,632)	(\$1,321,632)	(\$1,321,632)	(\$1,321,632)	(\$1,321,632)	(\$1,321,632)	(\$15,859,579)
5. Conservation Revenues Applicable To Period (Line B3 + B4)	\$24,242,506	\$22,829,083	\$22,028,151	\$23,137,527	\$26,717,289	\$27,580,370	\$30,393,972	\$31,739,968	\$31,433,109	\$28,843,299	\$24,032,525	\$23,746,572	\$316,724,370
6. Conservation Expenses (From C-3, Page 11, Line 31)	\$21,434,943	\$22,550,765	\$22,980,919	\$24,614,077	\$26,058,133	\$30,625,554	\$29,720,394	\$31,030,622	\$30,270,589	\$27,403,693	\$22,137,507	\$24,707,344	\$313,534,540
7. True-up This Period (Line B5 - Line B6)	\$2,807,562	\$278,319	(\$952,768)	(\$1,476,551)	\$659,156	(\$3,045,184)	\$673,579	\$709,346	\$1,162,520	\$1,439,606	\$1,895,018	(\$960,772)	\$3,189,831
8. Interest Provision For The Month (From C-3, Page 13, Line C10)	(\$739)	(\$486)	(\$433)	(\$492)	(\$348)	(\$285)	(\$335)	(\$234)	(\$121)	\$10	\$159	\$249	(\$3,057)
9. True-up & Interest Provision Beginning of Month	(\$15,859,579)	(\$11,731,124)	(\$10,131,660)	(\$9,763,230)	(\$9,918,641)	(\$7,938,202)	(\$9,662,039)	(\$7,667,164)	(\$5,636,421)	(\$3,152,391)	(\$391,143)	\$2,825,665	(\$15,859,579)
9a. Deferred True-up Beginning of Period	\$1,964,488	\$1,964,488	\$1,964,488	\$1,964,488	\$1,964,488	\$1,964,488	\$1,964,488	\$1,964,488	\$1,964,488	\$1,964,488	\$1,964,488	\$1,964,488	\$1,964,488
10. Prior True-up Collected/(Refunded)	\$1,321,632	\$1,321,632	\$1,321,632	\$1,321,632	\$1,321,632	\$1,321,632	\$1,321,632	\$1,321,632	\$1,321,632	\$1,321,632	\$1,321,632	\$1,321,632	\$15,859,579
11. End of Period True-up - Over/(Under) Recovery (Line B7+B8+B9+B9a+B10)	(\$9,766,636)	(\$8,167,172)	(\$7,798,742)	(\$7,954,153)	(\$5,973,714)	(\$7,697,551)	(\$5,702,676)	(\$3,671,933)	(\$1,187,903)	\$1,573,345	\$4,790,153	\$5,151,261	\$5,151,261

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

	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
C. INTEREST PROVISION													
1. Beginning True-up Amount (Line B9 + B9a)	(\$13,895,091)	(\$9,766,636)	(\$8,167,172)	(\$7,798,742)	(\$7,954,153)	(\$5,973,714)	(\$7,697,551)	(\$5,702,676)	(\$3,671,933)	(\$1,187,903)	\$1,573,345	\$4,790,153	N/A
2. Ending True-up Amount Before Interest (Line B7+B9+B9a+B10)	(\$9,765,897)	(\$8,166,686)	(\$7,798,309)	(\$7,953,661)	(\$5,973,366)	(\$7,697,266)	(\$5,702,341)	(\$3,671,698)	(\$1,187,781)	\$1,573,335	\$4,789,994	\$5,151,013	N/A
3. Total of Beginning & Ending True-up (Line C1+C2)	(\$23,660,988)	(\$17,933,323)	(\$15,965,481)	(\$15,752,402)	(\$13,927,519)	(\$13,670,980)	(\$13,399,893)	(\$9,374,374)	(\$4,859,714)	\$385,432	\$6,363,339	\$9,941,166	N/A
4. Average True-up Amount (50% of Line C3)	(\$11,830,494)	(\$8,966,661)	(\$7,982,741)	(\$7,876,201)	(\$6,963,759)	(\$6,835,490)	(\$6,699,946)	(\$4,687,187)	(\$2,429,857)	\$192,716	\$3,181,669	\$4,970,583	N/A
5. Interest Rate - First Day of Reporting Business Month	0.08000%	0.07000%	0.06000%	0.07000%	0.08000%	0.04000%	0.06000%	0.06000%	0.06000%	0.06000%	0.06000%	0.06000%	N/A
6. Interest Rate - First day of Subsequent Business Month	0.07000%	0.06000%	0.07000%	0.08000%	0.04000%	0.06000%	0.06000%	0.06000%	0.06000%	0.06000%	0.06000%	0.06000%	N/A
7. Total (Line C5 + C6)	0.15000%	0.13000%	0.13000%	0.15000%	0.12000%	0.10000%	0.12000%	0.12000%	0.12000%	0.12000%	0.12000%	0.12000%	N/A
8. Average Interest Rate (50% of Line C7)	0.07500%	0.06500%	0.06500%	0.07500%	0.06000%	0.05000%	0.06000%	0.06000%	0.06000%	0.06000%	0.06000%	0.06000%	N/A
9. Monthly Average Interest Rate (Line C8 / 12)	0.00625%	0.00542%	0.00542%	0.00625%	0.00500%	0.00417%	0.00500%	0.00500%	0.00500%	0.00500%	0.00500%	0.00500%	N/A
10. Interest Provision for the Month (Line C4 x C9)	(\$739)	(\$486)	(\$433)	(\$492)	(\$348)	(\$285)	(\$335)	(\$234)	(\$121)	\$10	\$159	\$249	(\$3,057)

## FLORIDA POWER & LIGHT COMPANY ENERGY CONSERVATION COST RECOVERY CALCULATION OF ENERGY CONSERVATION COST RECOVERY (ECCR) REVENUES

MONTH	Jurisdictional kWh Sales	Clause Revenues Net of Revenue Tax
January Actual	8,186,450,133	\$25,564,137
February Actual	7,489,358,283	\$24,150,715
March Actual	7,265,742,238	\$23,349,782
April Actual	7,662,815,846	\$24,459,158
May Actual	8,998,820,709	\$28,038,921
June Actual	9,353,399,776	\$28,902,001
July Estimated	10,107,788,372	\$31,715,604
August Estimated	10,536,758,426	\$33,061,600
September Estimated	10,438,962,071	\$32,754,740
October Estimated	9,613,587,552	\$30,164,931
November Estimated	8,080,389,954	\$25,354,156
December Estimated	7,989,256,624	\$25,068,204
Total	105,723,329,984	\$332,583,949

 $<sup>\</sup>ensuremath{^{(a)}}$  Revenue Tax for the period is .072% Regulatory Assessment Fee.

#### **FPL DSM Program & Pilot Descriptions**

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

#### 1. Residential Home Energy Survey (HES)

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

#### 2. Residential Building Envelope

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

#### 3. Residential Duct System Testing and Repair

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

#### 4. Residential Air-Conditioning

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

#### 5. Residential New Construction (BuildSmart®)

This program encourages builders and developers to design and construct new homes to meet ENERGY STAR® qualifications.

#### 6. Residential Low Income Weatherization

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

#### 7. Residential Load Management (On Call)

This program allows FPL to turn off certain customer-selected appliances using FPL-installed equipment during periods of extreme demand, capacity shortages or system emergencies.

#### 8. Business Energy Evaluation Program (BEE)

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

#### 9. Business Efficient Lighting

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

#### 10. Business Heating, Ventilating and Air-Conditioning (HVAC)

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

#### 11. Business Custom Incentive (BCI)

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

#### FPL DSM Program & Pilot Descriptions (cont'd)

#### 12. Business Building Envelope

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

#### 13. Business Water Heating

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

#### 14. Business Refrigeration

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

#### 15. Business On Call

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

#### 16. Commercial/Industrial Load Control (CILC)

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

#### 17. Commercial/Industrial Demand Reduction (CDR)

This program allows FPL to control customer loads of 200 kW or greater during periods of extreme demand, capacity shortages or system emergencies.

#### 18. Residential Solar Water Heating Pilot

This pilot encourages customers to install solar water heating systems.

#### 19. Residential Solar Water Heating (Low Income New Construction) Pilot

This pilot is a partnership with non-profit organizations to provide solar water heating systems to organization-selected low income housing developments.

#### 20. Residential Photovoltaic (PV) Pilot

This pilot encourages customers to install PV systems.

#### 21. Business Solar Water Heating Pilot

This pilot encourages customers to install solar water heating systems.

#### 22. Business PV Pilot

This pilot encourages customers to install PV systems.

#### 23. Business PV for Schools Pilot

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

#### FPL DSM Program & Pilot Descriptions (cont'd)

#### 24. Renewable Research and Demonstration (RRD) Project

Under this project, FPL is conducting a series of demonstrations and renewable technology research projects to increase awareness of solar technologies and to understand and quantify the effectiveness of emerging renewable technologies and their applications (see pages 6-7 for details).

#### 25. Solar Pilot Common Expenses

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

#### 26. Cogeneration and Small Power Production

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

#### 27. Conservation Research & Development (CRD) Project

Under this project, FPL is conducting a series of research projects designed to: identify new energy efficient technologies; evaluate and quantify their impacts on energy, demand and customers; and where appropriate, develop emerging technologies into DSM programs (see pages 8-9 for details).

#### 28. Common Expenses

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

#### Florida Power & Light Company Program Progress January through December 2014 Actual/Estimated January through December 2015 Projection

Pgm. No.	Program Title	2014 (Ac	tual/Estimated)	2015 Pr	ojection	Progress Summary (Inception through June 2014)		
1	Residential Home Energy Survey Program	Surveys = Cost =	168,000 \$12,163,573	Surveys = Cost =	164,131 \$13,750,514	Surveys =	3,395,249	
2	Residential Building Envelope Program	Installations = Cost =	9,216 \$3,457,356	Installations = Cost =	5,858 \$2,128,869	Installations =	554,297	
3	Residential Duct System Testing and Repair Program	Installations = Cost =	2,422 \$957,287	Installations = Cost =	1,445 \$377,851	Installations =	502,169	
4	Residential Air Conditioning Program	Installations = Cost =	116,102 \$72,430,789	Installations = Cost =	42,587 \$15,385,833	Installations =	1,713,753	
5	Residential New Construction Program (BuildSmart®)	Homes = Cost =	3,388 \$708,268	Homes = Cost =	1,871 \$371,462	Homes =	34,335	
6	Residential Low-Income Weatherization Program	Cost =	\$132,388	Installations = Cost =	\$139,453	Installations =	8,314	
7	Residential Load Management Program ("On Call")	Installations = Cost =	11,937 \$56,539,312	Installations = Cost =	12,000 \$57,986,938	Participants =	817,403	
8	<b>Business Energy Evaluation Program</b>	Evaluations = Cost =	11,630 \$7,900,776	Evaluations = Cost =	11,488 \$8,857,855	Evaluations =	196,600	
9	<b>Business Efficient Lighting Program</b>	kW = Cost =	1,422 \$481,347	kW = Cost =	1,140 \$321,598	kW =	287,004	
10	Business Heating, Ventilating and Air Conditioning Program	kW = Cost =	9,469 \$4,464,956	kW = Cost =	11,578 \$6,322,934	kW =	377,035	
11	<b>Business Custom Incentive Program</b>	kW = Cost =	2,233 \$503,475	kW = Cost =	2,877 \$578,941	kW =	46,316	
12	Business Building Envelope Program	kW = Cost =	8,534 \$6,816,381	kW = Cost =	6,021 \$5,438,887	kW =	112,529	
13	<b>Business Water Heating Program</b>	kW = Cost =	10 \$16,158	kW = Cost =	43 \$25,490	kW =	279	
14	Business Refrigeration Program	kW = Cost =	594 \$66,054	kW = Cost =	160 \$21,208	kW =	1,474	
15	Business On Call Program	kW = Cost =	5,999 \$4,001,663	kW = Cost =	3,233 \$4,116,662	MW under contract =	103	
16	Commercial/Industrial Load Control Program (CILC)	Closed to new  Cost =	participants. \$40,599,299	Closed to new  Cost =	participants. \$40,506,369	MW under contract =	483	
17	Commercial/Industrial Demand Reduction Program	kW =	10,500	kW =	5,389	MW under contract =	234	
		Cost =	\$18,276,994	Cost =	\$19,290,063			

<sup>- (1)</sup> Variance where actuals less than Actual/Estimate shown with (  $\,$  )

<sup>-</sup> kW and MW reduction are at the generator

# Florida Power & Light Company Program Progress January through December 2014 Actual/Estimated January through December 2015 Projection

Pgm. No.	Program Title	2014	(Actual/Estimated)	2015	5 Projection	Progress Summary (Inception through June 2014)		
18	Residential Solar Water Heating Pilot	kW =	289	kW =	0	kW =	793	
		Cost =	\$1,516,723	Cost =	\$0			
				Terminates	December 2014			
19	Residential Solar Water Heating (Low	kW =	64	kW =	0	kW =	91	
	Income New Construction) Pilot	Cost =	\$1,498,001	Cost =	\$0			
				Terminates	December 2014			
20	Residential Photovoltaic Pilot	kW =	837	kW =	0	kW =	124	
		Cost =	\$4,807,703	Cost =	\$0			
				Terminates	Terminates December 2014			
21	Business Solar Water Heating Pilot	kW =	69	kW =	0	kW =	124	
		Cost =	\$254,875	Cost =	\$0			
					December 2014			
22	Business Photovoltaic Pilot	kW =	561	kW =	0	kW =	2,462	
		Cost =	\$2,112,264	Cost =	\$0			
					December 2014			
23	Business Photovoltaic for Schools Pilot	kW =	165	kW =	0	kW =	175	
		Cost =	\$1,515,967	Cost =	\$1,950,969 December 2014			
2.1	D 11 D 1	G .	фо <b>2</b> 0 0 <b>7</b> 4			0 0 1 1 1		
24	Renewable Research and	Cost =	\$839,074	Cost =	\$0	See Schedule	C-5, Pages 6 - 7 of 9	
	Demonstration Project			Terminates	December 2014			
25	Calan Pilat Paris A Communic Employee	Cost =	\$517,073	Cost =	\$408.428	NI_4 A1:1_1	_	
25	Solar Pilot Project Common Expenses	Cost =	\$317,073		,,	Not Applicabl	e	
				Terminates	December 2014			
26	Cogeneration & Small Power	MW =	635	MW =	635		represent contracted	
	Production	GWh =	2,710	GWh =	3,279	purchase power		
		Cost =	\$472,033	Cost =	\$496,975	Firm producer		
							producers = 10	
27		Cost =	\$553,654	Cost =	\$468,718	See Schedule	C-5, Pages 8 - 9 of 9	
20	Program	G .	Φ12 < 12 1 12	G .	Φ17. 504.043	NT . A 1' 1'		
28	Common Expenses	Cost =	\$13,643,442	Cost =	\$17,504,042	Not Applicabl	e	

<sup>- (1)</sup> Variance where actuals less than Actual/Estimate shown with (  $\,$  )

<sup>-</sup> kW and MW reduction are at the generator

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

#### Field Performance Testing of the Sedna Aire Solar Thermal Assisted Air Conditioner

The original product manufactured by Vaporgenics which FPL planned to test had to be replaced because the manufacturer fell into financial distress. The Sedna Aire solar assisted air conditioner was substituted in early 2014. The Sedna unit was subsequently installed at the university test facility, and data collection is underway. Since this product is being sold in Florida, the purpose of the test is to quantify any energy and demand savings. A final report will be delivered before the end of 2014.

#### Field Test of Hybrid Photovoltaic Thermal (PVT) Panels

This project includes construction at a local university of a test bed for testing solar thermal panels. PVT panels simultaneously produce electricity and hot water. Cooling photovoltaic solar panels from underneath with water increases the electrical energy production, and the energy captured in the water can be used to meet the hot water needs of a home or business. Florida-specific data will be collected in a side-by-side configuration with half the solar panels being cooled by water. Any changes in peak hour and annual electric energy production and the capture of thermal energy by the water will be quantified. A report will be delivered by the end of 2014. The test bed will also provide a platform for university students studying solar energy to conduct tests of other solar technologies in the future.

#### **Solar Single Axis Tracker**

This is a side-by-side test of the Trabant Solar Tracker when used with conventional PV panels. Two identical PV arrays will be installed with one array facing south inclined at a fixed 26 degrees and the other array with zero inclination tracking the sun from morning to night. The purpose of this field test is to quantify any increase in annual energy production associated with single axis tracking reflecting climate issues specific to Florida (i.e., Florida has a substantial number of rainy or cloudy days which will reduce the benefit of trackers compared to some other locations). The ease of installation and operation of the Trabant tracker will also be observed. A report will be delivered to FPL before the end of 2014.

#### **Hybrid Thin Film PV**

This is a side-by-side test of a new hybrid thin film PV product which the manufacturer claims to have the high efficiency of conventional crystalline PV and the superior low light performance of thin film PV. Two PV arrays with a maximum rated output of 7.2 kW will be monitored with one composed of conventional crystalline panels and the other of the hybrid thin film PV. Both arrays will be optimally positioned (i.e., inclined at 26 degrees facing south). The purpose of this field test is to test the claims and quantify any increase in annual energy production reflecting Florida's climate issues. Florida has a substantial number of rainy or cloudy days when the hybrid solar product is claimed to perform better than conventional PV. A report will be delivered to FPL before the end of 2014.

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

#### **Renewable Demonstration Projects**

FPL has been installing PV systems at governmental and non-profit customer locations as demonstration sites with the goals of raising awareness of renewable energy and educating visitors. As of July 2014, six demonstration projects are in service: the Kennedy Space Center Visitor Center in Cape Canaveral (25kW); Waterfront Commons Park in West Palm Beach (25kW); the Museum of Discovery and Science in Fort Lauderdale (25kW); the Imaginarium in Fort Myers (10kW); the Brevard Zoo in Melbourne (10kW); and Save Our Seabirds in Sarasota (10kW). Five additional demonstration sites are being completed in 2014.

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

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

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

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

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

#### Commercial Rooftop HVAC Retrofit with Variable Speed Air Handler Fan

A 60-ton HVAC unit on a host supermarket location in Miami is being retrofitted with the Enerfit controller. Based on real-time feedback from multiple temperature and pressure sensors, the Enerfit slows down the air handler fan whenever maximum cooling capacity is not needed (essentially turning the existing fan motor into a variable speed drive) which could save energy and increase dehumidification. For one full year the controller will alternate every two weeks between control and bypass mode to gather data across the full range of weather conditions. Statistical regression and weather data for a typical meteorological year will be used to estimate any annual energy savings and peak hour demand reduction.

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

#### Residential Smart Thermostats - Small Scale Tests and Larger Trial

FPL is testing various smart thermostat technologies. Beginning in 2012 and continuing through 2014, FPL is conducting small-scale tests of purely algorithm-based devices. The purpose of these limited tests is to gather directional data to determine if these types of technologies might produce energy savings (and, if so, how much) and whether it could be beneficial to perform subsequent broader testing.

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

#### **Load Control Software Testing**

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