



February 26, 2010

Mr. Stephen Garl
Division of Regulatory Analysis
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: Demand Side Management 2009 Annual Report

Dear Mr. Garl:

In accordance with Rule 25-17.0021(5), F.A.C., FPL is submitting its Demand Side Management (DSM) 2009 Annual Report. The report includes the results of all programs submitted as part of the 2004 DSM plan.

The demand and energy goals in this report are those approved in Docket No. 040029, Demand-Side Management Plan of Florida Power & Light Company, dated November 30, 2004.

Please find enclosed three (3) copies of the Demand Side Management 2009 Annual Report.

Sincerely,

Arla Shanna
(For John Haney)

John R. Haney
Director
Demand Side Mgmt. Programs

Enclosures

UTILITY: FLORIDA POWER & LIGHT COMPANY
DEMAND SIDE MANAGEMENT 2009 ANNUAL REPORT

	Page
Summary of Research and Development Efforts and Other Activities	1 - 3
Comparison of Achieved kW and kWh Reductions	4
Residential Building Envelope	5
Duct System Testing and Repair	6
Residential Air Conditioning	7
Residential Load Management (On Call)	8
Residential New Construction (BuildSmart)	9
Residential Low Income Weatherization	10
Residential Conservation Service	11
Business Heating, Ventilating, & Air Conditioning	12
Business Efficient Lighting	13
Business Building Envelope	14
Business Custom Incentive	15
Business Water Heating	16
Business Refrigeration	17
Business On Call	18
Commercial/Industrial Demand Reduction	19
Business Energy Evaluation	20

**FLORIDA POWER & LIGHT COMPANY
DEMAND SIDE MANAGEMENT
2009 ANNUAL REPORT**

In addition to the individual program information that accompanies this report, below is a brief description of FPL's research and development and other conservation efforts for 2009.

RESEARCH & DEVELOPMENT

A. Conservation Research and Development (R&D): FPL has researched a wide variety of technologies in an effort to determine the savings of new Demand Side Management (DSM) program measures for further development into new DSM offerings. In recent years, new program measures have included Business Heating, Ventilating and Cooling (HVAC), Energy Recovery Ventilators (ERVs), Demand Control Ventilation (DCV) for commercial kitchens, and Residential HVAC Duct Plenum Repair. Technology assessments for possible product development are ongoing. DSM measures that were lab or field tested during 2009 include:

(1) Residential Heat Pump Water Heating:

This is a lab test performed for FPL by Florida Institute of Technology to verify the performance of a next-generation residential hybrid heat pump water heater (HPWH). The AirTap HPWH units manufactured by AirGenerate incorporate a simpler design which eliminates the need for a water pump and heat exchanger thereby resulting in lower purchase cost and higher reliability. The project began in August 2008, and the research report was completed in December 2009. FPL is evaluating the results which will enable the utility to more precisely calculate the cost effectiveness and customer payback of this promising energy efficiency measure.

(2) Efficient Pool Pumps:

This is a field test being performed by the University of Miami for FPL to verify the performance of three types of energy-saving swimming pool pumps. The three pump types are: (1) two-speed, (2) variable-speed, and (3) solar-powered direct current (DC) pumps. Since recent State legislation will require two-speeds for pumps of one horsepower or more beginning in July 2011, this research is important in order to quantify the incremental benefits of upgrading to even more efficient variable-speed pumps or photovoltaic powered DC pumps over the two-speed type. Since there are approximately 750,000 swimming pools at the homes of FPL customers, this represents a large potential market. The project began in August 2008, and data collection at the ten field installations will be completed during summer 2010. The final report will be delivered in December 2010.

**FLORIDA POWER & LIGHT COMPANY
DEMAND SIDE MANAGEMENT
2009 ANNUAL REPORT**

(3) Hotel Occupancy Sensors:

This is a field test currently being performed by the Florida Solar Energy Center (FSEC) on behalf of FPL to determine the demand and energy savings that occupancy sensors have on hotel/motel air conditioners. The technology has the potential to provide significant energy savings and peak reduction from unoccupied rooms in the large hotel/motel sector in the state, but savings for this extremely weather sensitive electrical load must be developed specific to Florida's climate conditions. The field research project began in September 2008. The Telkonet SS 5000 sensor and control unit was installed in every room of a Best Western Hotel in central Florida. Half the control units were randomly bypassed throughout the hotel to serve as the comparison group. Hotel staff was not told which rooms were actually being controlled. Data collection at the test site was completed September 30, 2009. A final report will be delivered in March 2010.

(4) Residential Central AC Coil Maintenance:

This was a field test performed by Itron, Inc. for FPL to verify the demand and energy savings resulting from professional cleaning of indoor and outdoor cooling coils in residential central air conditioning systems. Ninety-three percent of FPL customers have central air conditioning. If AC coils become dirty, it is widely believed thorough cleaning will significantly improve the efficiency of the air conditioner. In order to accurately estimate the utility systemwide benefit and customer payback from professional coil cleaning, a field research project was needed in the climate of FPL's service territory to quantify actual savings for this extremely weather sensitive electrical load.

Recruiting for a field research project composed of 40 customer homes began in April 2009 spanning both the east and west coasts. Data recorders were installed on each air conditioner to collect energy usage every fifteen minutes. An air conditioning contractor performed thorough but typical cleaning of the indoor coil at 20 homes and the outdoor coil at the other 20 homes. Indoor coils were removed and cleaned outside the home with the refrigerant reclaimed and reinstalled. The coil cleaning was conducted mid summer to capture data for a wide range of weather conditions both before and after the coil cleaning. Data collection at the test sites was completed in the fall of 2009, and statistical analysis of the data has begun. As is the case with all FPL Conservation R&D projects involving weather-sensitive efficiency measures, savings estimates will be weather normalized for hourly temperatures across FPL territory for a typical average year. A final report including peak hour demand reductions, annual energy savings, and repair costs will be completed in March 2010.

(5) Two-Story Home Study:

This is a field test currently being performed by FSEC and co-funded by FPL and the U.S. Department of Energy (DOE). The popularity of two-story homes in Florida has grown substantially over the past twenty years. The trend toward more complex architectural designs has sometimes led to the uninsulated space between the first and second floors being open to garage, attic, or soffit spaces.

**FLORIDA POWER & LIGHT COMPANY
DEMAND SIDE MANAGEMENT
2009 ANNUAL REPORT**

The study will identify the prevalence of significant heat transfer through the ceiling, floor, and walls in two-story homes due to floors open to hot, humid air. Repair methods and the savings potential associated with preventing outside air infiltration between floors were researched.

This unique research project began in October 2008. Thirty-six two-story homes were surveyed and thoroughly tested for duct leaks and air infiltration by FSEC. Some of the homes were used as test sites to measure the demand and energy savings achieved by sealing the air space from the outside. A research report was completed in December 2009.

FPL is currently considering the next steps for weatherizing floors in two-story homes. The concept has widespread application in existing homes, and it could lead to building code specifications to address this issue in new construction.

(6) Energy Efficient Technology Collaborative:

In June 2007 FPL, along with many other utilities, began co-funding a large collaborative project conducted by EPRI on the latest energy-efficient technologies in about seventeen categories. The leverage of participating in a large collaborative multiplies the number of technologies which can be investigated. More than 50 reports on various energy efficiency subjects have already been completed. FPL is continuing this collaborative through 2010.

B. Residential Thermostat Load Control Pilot Project: Under this project FPL provided participating residential customers a programmable thermostat and the option of overriding FPL's control of their central air conditioning and heating appliances via telephone or the Internet. FPL submitted a petition to the Commission (PSC) on June 15, 2007 requesting approval of this project in Order No. PSC-07-0719-TRF-EG. FPL received approval for the pilot to be effective from August 14, 2007 to August 13, 2009. The pilot project was completed as scheduled, on August 13, 2009, and a final report was submitted to the FPSC staff on September 1, 2009.

OTHER CONSERVATION ACTIVITIES

Cogeneration & Small Power Production: The objective is to facilitate the installation of cogeneration and small power production facilities. In 2009 FPL purchased from twelve facilities providing energy of 4,596 GWhs with summer and winter demand of 824 MWs and 796 MWs respectively.

FLORIDA POWER & LIGHT COMPANY

Comparison of Achieved kW and kWh Reductions
with Annual Target Included in Public Service Commission Approved Goals - November 30, 2004
December 31, 2009

Residential and Commercial/Industrial (@ meter)

Year	Winter Peak MW Reduction			Summer Peak MW Reduction			GWh Energy Reduction		
	Cumulative Total Achieved	Cumulative Commission Approved Goal	% Variance	Cumulative Total Achieved	Cumulative Commission Approved Goal	% Variance	Cumulative Total Achieved	Cumulative Commission Approved Goal	% Variance
2005	36.3	38.8	-6%	92.5	74.0	25%	184.2	121.8	51%
2006	110.8	79.3	40%	219.8	141.7	55%	383.9	216.8	77%
2007	233.5	122.5	91%	384.2	211.9	81%	593.6	306.0	94%
2008	312.7	170.6	83%	519.3	287.2	81%	753.9	401.1	88%
2009	390.9	221.5	76%	652.8	365.9	78%	908.8	501.2	81%
2010		275.2			447.9			606.1	
2011		330.9			532.1			714.3	
2012		388.5			618.8			825.8	
2013		448.1			707.9			940.5	
2014		512.4			801.7			1,058.6	

The Winter Peak, Summer Peak and Energy Reductions represent the Residential and Commercial/Industrial combined DSM effort.

Residential (@ meter)

Year	Winter Peak MW Reduction			Summer Peak MW Reduction			GWh Energy Reduction		
	Cumulative Total Achieved	Cumulative Commission Approved Goal	% Variance	Cumulative Total Achieved	Cumulative Commission Approved Goal	% Variance	Cumulative Total Achieved	Cumulative Commission Approved Goal	% Variance
2005	21.4	26.0	-18%	49.8	47.8	4%	91.6	90.3	1%
2006	62.5	55.6	12%	118.5	91.9	29%	191.2	166.0	15%
2007	104.3	89.2	17%	171.0	140.6	22%	247.5	246.9	0%
2008	136.1	127.3	7%	238.7	194.6	23%	351.0	333.3	5%
2009	169.2	168.0	1%	302.5	252.1	20%	440.6	424.1	4%
2010		211.3			313.2			519.5	
2011		256.3			377.1			617.9	
2012		303.3			443.6			719.3	
2013		352.0			512.8			823.7	
2014		405.1			586.9			931.0	

Commercial/Industrial (@ meter)

Year	Winter Peak MW Reduction			Summer Peak MW Reduction			GWh Energy Reduction		
	Cumulative Total Achieved	Cumulative Commission Approved Goal	% Variance	Cumulative Total Achieved	Cumulative Commission Approved Goal	% Variance	Cumulative Total Achieved	Cumulative Commission Approved Goal	% Variance
2005	14.9	12.8	16%	42.7	26.3	62%	92.6	31.5	194%
2006	48.3	23.7	104%	101.3	49.8	103%	192.7	50.8	279%
2007	129.2	33.3	288%	213.2	71.3	199%	346.1	59.1	486%
2008	176.7	43.2	309%	280.6	92.6	203%	402.9	67.8	494%
2009	221.7	53.5	314%	350.3	113.8	208%	468.3	77.0	508%
2010		63.9			134.6			86.5	
2011		74.4			155.1			96.4	
2012		85.1			175.2			106.5	
2013		96.1			195.1			116.9	
2014		107.3			214.9			127.6	

Utility: Florida Power and Light Company
 Program Name: Residential Building Envelope Program
 Program Start Date: January 1, 2005
 Reporting Period: 2009

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [d/cx100]	* Actual Annual Number of Program Participants	* Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [g/cx100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	3,816,452	1,029,114	15,642	1.5%	6,149	6,149	0.60%	(9,493)
2006	3,889,044	1,011,727	32,175	3.2%	6,112	12,261	1.21%	(19,914)
2007	3,960,492	994,790	48,805	4.9%	15,769	28,030	2.82%	(20,775)
2008	4,030,954	978,291	65,552	6.7%	20,807	48,837	4.99%	(16,715)
2009	4,100,566	962,220	82,437	8.6%	11,103	59,940	6.23%	(22,497)
2010	4,169,514	946,564	99,481	10.5%				
2011	4,238,239	931,313	116,703	12.5%				
2012	4,309,727	916,457	134,125	14.6%				
2013	4,374,980	901,985	151,766	16.8%				
2014	4,443,827	887,887	169,648	19.1%				

Annual Demand and Energy Savings

Current Year of Installation:

Summer kW Reduction	0.50	@ Meter	5,545	@ Generator	6,071
Winter kW Reduction	0.43	@ Meter	4,761	@ Generator	5,213
kWh Reduction (1)	1,135	@ Meter	12,605,435	@ Generator	13,552,774

Utility cost per Installation

Total Program Cost of the Utility (Administration and Incentives) \$(000)	\$556.20
Net Benefits of Measures Installed During Reporting Period \$(000)	\$6,175
	\$256

* Annual and cumulative program participants start in 2005 and do not reflect 720,330 participants in the Residential Ceiling Insulation and Conservation Window Treatment programs prior to 2005.

(1) kWh Reduction represents one year kWh savings from 2009 installations.

Utility: Florida Power and Light Company
 Program Name: Duct System Testing and Repair Program
 Program Start Date: January 1, 2005
 Reporting Period: 2009

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [d/cx100]	* Actual Annual Number of Program Participants	* Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [g/cx100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	3,816,452	1,780,617	16,176	0.9%	15,327	15,327	0.86%	(849)
2006	3,889,044	1,803,765	32,693	1.8%	22,350	37,677	2.09%	4,984
2007	3,960,492	1,827,214	49,534	2.7%	31,605	69,282	3.79%	19,748
2008	4,030,954	1,850,967	66,684	3.6%	28,869	98,151	5.30%	31,467
2009	4,100,566	1,875,030	84,133	4.5%	13,182	111,333	5.94%	27,200
2010	4,169,514	1,899,405	101,874	5.4%				
2011	4,238,239	1,924,098	119,905	6.2%				
2012	4,309,727	1,949,111	138,225	7.1%				
2013	4,374,980	1,974,449	156,836	7.9%				
2014	4,443,827	2,000,117	175,741	8.8%				

Annual Demand and Energy Savings

Current Year of Installation:	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Reduction	0.14	0.15	1,786	1,956
Winter kW Reduction	0.12	0.13	1,620	1,773
kWh Reduction (1)	250	269	3,298,848	3,546,767

Utility cost per Installation
 Total Program Cost of the Utility (Administration and Incentives) \$(000) \$113.18
 Net Benefits of Measures Installed During Reporting Period \$(000) \$1,492
 \$7

* Annual and cumulative program participants start in 2005 and do not reflect 918,701 participants prior to 2005.

(367,182 Duct Maintenance and 551,519 Low Cost H.E.L.P. participants.)

(1) kWh Reduction represents one year kWh savings from 2009 installations.

DEMAND SIDE MANAGEMENT 2009 ANNUAL REPORT

Utility: Florida Power and Light Company
 Program Name: Residential Air Conditioning Program
 Program Start Date: January 1, 2005
 Reporting Period: 2009

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [d/cx100]	* Actual Annual Number of Program Participants	* Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [g/cx100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	3,816,452	1,519,896	58,975	3.9%	54,466	54,466	3.58%	(4,509)
2006	3,889,044	1,568,827	107,592	6.9%	54,812	109,278	6.97%	1,686
2007	3,960,492	1,615,754	159,135	9.8%	33,516	142,794	8.84%	(16,341)
2008	4,030,954	1,661,525	214,265	12.9%	48,332	191,126	11.50%	(23,139)
2009	4,100,566	1,706,797	273,032	16.0%	63,453	254,579	14.92%	(18,453)
2010	4,169,514	1,752,039	335,463	19.1%				
2011	4,238,239	1,797,564	401,605	22.3%				
2012	4,309,727	1,843,563	471,555	25.6%				
2013	4,374,980	1,890,148	545,475	28.9%				
2014	4,443,827	1,937,375	623,593	32.2%				

Annual Demand and Energy Savings

Current Year of Installation:

	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	0.64	0.70	40,631	44,483
Winter kW Reduction	0.19	0.21	12,084	13,230
kWh Reduction (1)	1,108	1,192	70,330,779	75,616,363

Utility cost per Installation

Total Program Cost of the Utility (Administration and Incentives) \$(000)	\$607.15
Net Benefits of Measures Installed During Reporting Period \$(000)	\$38,525
	\$782

* Annual and cumulative program participants start in 2005 and do not reflect 796,766 participants prior to 2005.
 (1) kWh Reduction represents one year kWh savings from 2009 installations.

DEMAND SIDE MANAGEMENT 2009 ANNUAL REPORT

Utility:
 Program Name:
 Program Start Date:
 Reporting Period:

Florida Power and Light Company
 Residential Load Management (On Call) Program
 January 1, 2005
 2009

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [d/cx100]	* Actual Annual Number of Program Participants	* Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [g/cx100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	3,816,452	2,692,343	5,300	0.2%	6,150	6,150	0.23%	850
2006	3,889,044	2,719,674	13,800	0.5%	20,667	26,817	0.99%	13,017
2007	3,960,492	2,745,465	24,400	0.9%	19,174	45,991	1.68%	21,591
2008	4,030,954	2,769,246	37,600	1.4%	11,237	57,228	2.07%	19,628
2009	4,100,566	2,792,163	52,100	1.9%	12,159	69,387	2.49%	17,287
2010	4,169,514	2,814,114	68,000	2.4%				
2011	4,238,239	2,835,178	85,200	3.0%				
2012	4,309,727	2,855,343	103,700	3.6%				
2013	4,374,980	2,874,597	123,500	4.3%				
2014	4,443,827	2,890,943	146,800	5.1%				

Annual Demand and Energy Savings

Current Year of Installation:

	@ Meter	@ Generator
Summer kW Reduction	1.15	1.26
Winter kW Reduction	1.12	1.23
kWh Reduction (1)	19	20

	Per Installation	Program Total
	@ Meter	@ Generator
Summer kW Reduction	13,983	15,309
Winter kW Reduction	13,618	14,909
kWh Reduction (1)	231,021	248,383

Utility cost per Installation

Total Program Cost of the Utility (Administration and Incentives) \$(000)
 Net Benefits of Measures Installed During Reporting Period \$(000)

\$72.21 **
 \$56,685 **
 \$1,246

* Annual and cumulative program participants start in 2005 and do not reflect 715,578 participants prior to 2005.
 ** Utility Cost per installation is based on cumulative number of year-end 2009 installs of 784,965. Utility program costs for 2009 include O&M, Depreciation and Return expenses, and incentives paid in 2009 to active participating customers who were signed up in 2009 and in years prior to 2009.

(1) kWh Reduction represents one year kWh savings from 2009 installations.

DEMAND SIDE MANAGEMENT 2009 ANNUAL REPORT

Utility:
 Program Name:
 Program Start Date:
 Reporting Period:

Florida Power and Light Company
 Residential New Construction (Buildsmart) Program
 January 1, 2005
 2009

a	b	c	d	e	f	g	h	i
Year	Total Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [d/cx100]	* Actual Annual Number of Program Participants	* Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [g/cx100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	3,816,452	59,108	3,816	6.5%	2,630	2,630	4.45%	(1,186)
2006	3,889,044	117,769	9,160	7.8%	4,376	7,006	5.95%	(2,154)
2007	3,960,492	175,982	16,105	9.2%	4,084	11,090	6.30%	(5,015)
2008	4,030,954	235,187	24,440	10.4%	2,297	13,387	5.69%	(11,053)
2009	4,100,566	294,996	33,610	11.4%	1,647	15,034	5.10%	(18,576)
2010	4,169,514	357,948	43,694	12.2%				
2011	4,238,239	423,067	53,778	12.7%				
2012	4,309,727	483,771	63,862	13.2%				
2013	4,374,980	540,327	73,946	13.7%				
2014	4,443,827	594,829	84,030	14.1%				

Annual Demand and Energy Savings

Current Year of Installation:	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Reduction	1.08	1.18	1,771	1,939
Winter kW Reduction	0.60	0.66	994	1,088
kWh Reduction (1)	1,722	1,852	2,836,750	3,049,941

Utility cost per Installation

Total Program Cost of the Utility (Administration and Incentives) \$(000)	\$403.98
Net Benefits of Measures Installed During Reporting Period \$(000)	\$665
	\$16

* Annual and cumulative program participants start in 2005 and do not reflect 7,481 participants prior to 2005.
 (1) kWh Reduction represents one year kWh savings from 2009 installations.

DEMAND SIDE MANAGEMENT 2009 ANNUAL REPORT

Utility: Florida Power and Light Company
 Program Name: Residential Low Income Weatherization
 Program Start Date: January 1, 2005
 Reporting Period: 2009

a	b	c	d	e	f	g	h	i
Year	Total Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [d/cx100]	* Actual Annual Number of Program Participants	* Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [g/cx100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	3,816,452	506,960	435	0.1%	132	132	0.03%	(303)
2006	3,889,044	513,551	892	0.2%	331	463	0.09%	(429)
2007	3,960,492	520,227	1,372	0.3%	409	872	0.17%	(500)
2008	4,030,954	526,990	1,875	0.4%	620	1,492	0.28%	(383)
2009	4,100,566	533,841	2,404	0.5%	456	1,948	0.36%	(456)
2010	4,169,514	540,781	2,959	0.5%				
2011	4,238,239	547,811	3,542	0.6%				
2012	4,309,727	554,932	4,154	0.7%				
2013	4,374,980	562,147	4,797	0.9%				
2014	4,443,827	569,454	5,472	1.0%				

Annual Demand and Energy Savings	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Annual Demand and Energy Savings				
Summer kW Reduction	0.26	0.28	117	128
Winter kW Reduction	0.07	0.07	30	33
kWh Reduction (1)	557	598	253,820	272,896

Utility cost per Installation \$136.46
 Total Program Cost of the Utility (Administration and Incentives) \$(000) \$62
 Net Benefits of Measures Installed During Reporting Period \$(000) \$12

* Annual and cumulative program participants start in 2005 and do not reflect 13 participants prior to 2005.
 (1) kWh Reduction represents one year kWh savings from 2009 installations.

DEMAND SIDE MANAGEMENT 2009 ANNUAL REPORT

Utility: Florida Power and Light Company
 Program Name: Residential Conservation Service
 Program Start Date: January 1, 2005
 Reporting Period: 2009

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [d/cx100]	* Actual Annual Number of Program Participants	* Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [g/cx100]	Actual Participation Over (Under) Projected Participants (g-d)
2005	3,816,452	3,816,452	75,000 - 100,000	2.0% - 2.6%	116,903	116,903	3.06%	41,903 - 16,903
2006	3,889,044	3,889,044	150,000 - 200,000	3.9% - 5.1%	155,398	272,301	7.00%	122,301 - 72,301
2007	3,960,492	3,960,492	225,000 - 300,000	5.7% - 7.6%	165,575	437,876	11.06%	212,876 - 137,876
2008	4,030,954	4,030,954	300,000 - 400,000	7.4% - 9.9%	158,580	596,456	14.80%	296,456 - 196,456
2009	4,100,566	4,100,566	375,000 - 500,000	9.1% - 12.2%	172,667	769,123	18.76%	394,123 - 269,123
2010	4,169,514	4,169,514	450,000 - 600,000	10.8% - 14.4%				
2011	4,238,239	4,238,239	525,000 - 700,000	12.4% - 16.5%				
2012	4,309,727	4,309,727	600,000 - 800,000	13.9% - 18.6%				
2013	4,374,980	4,374,980	675,000 - 900,000	15.4% - 20.6%				
2014	4,443,827	4,443,827	750,000 - 1,000,000	16.9% - 22.5%				

Annual Demand and Energy Savings

Current Year of Installation:
 Summer kW Reduction
 Winter kW Reduction
 kWh Reduction

	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
No demand and energy projections made for this program.				

Utility cost per Installation
 Total Program Cost of the Utility (Administration) \$(000)
 Net Benefits of Measures Installed During Reporting Period \$(000)

\$68.65
 \$11,853
 NA

* Annual and cumulative program participants start in 2005 and do not reflect 1,982,227 participants prior to 2005.

Utility: Florida Power and Light Company
 Program Name: Business Heating, Ventilating and Air Conditioning Program
 Program Start Date: January 1, 2005
 Reporting Period: 2009

a	b	c	d	e	f *	g *	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [d/cx100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [g/cx100]	Actual Participation Over (Under) Projected Participants(kW) (g-d)
2005	654,939	306,288	8,177	2.7%	19,635	19,635	6.41%	11,458
2006	668,486	292,338	16,296	5.6%	14,456	34,091	11.66%	17,796
2007	682,314	279,039	24,442	8.8%	13,593	47,684	17.09%	23,242
2008	701,610	295,643	32,478	11.0%	7,809	55,493	18.77%	23,015
2009	720,476	309,388	40,461	13.1%	8,003	63,496	20.52%	23,036
2010	738,599	316,767	48,027	15.2%				
2011	756,882	323,289	55,247	17.1%				
2012	775,298	328,520	62,183	18.9%				
2013	793,892	332,568	68,895	20.7%				
2014	812,885	337,126	75,471	22.4%				

Annual Demand and Energy Savings

Current Year of Installation:	Per Installation**		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Reduction	1.00	1.09	8,003	8,762
Winter kW Reduction	0.24	0.26	1,912	2,094
kWh Reduction (1)	1,785	1,920	14,289,428	15,363,324

Utility cost per Installation - kW
 Total Program Cost of the Utility (Administration and Incentives) \$(000)
 Net Benefits of Measures Installed During Reporting Period \$(000)

\$655.52
 \$5,246
 \$621

Column b - The total summer kW demand reduction of all Business HVAC equipment.

Column c - The total summer kW demand reduction of all eligible Business HVAC equipment.

Columns d, f, g - The annual number of participants in the program expressed in summer kW demand reduction.

* Annual and cumulative program participants start in 2005 and do not reflect summer kW demand reduction of 232,130 prior to 2005.

** One summer kW equals one installation.

(1) kWh Reduction represents one year kWh savings from 2009 installations.

Utility: Florida Power and Light Company
 Program Name: Business Efficient Lighting
 Program Start Date: January 1, 2005
 Reporting Period: 2009

a	b	c	d	e	f *	g *	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [d/cx100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [g/cx100]	Actual Participation Over (Under) Projected Participants (kW) (g-d)
2005	562,920	288,104	4,789	1.7%	4,960	4,960	1.72%	171
2006	344,185	169,199	7,242	4.3%	5,625	10,585	6.26%	3,343
2007	115,877	55,326	7,554	13.7%	4,953	15,538	28.08%	7,983
2008	118,346	54,881	7,865	14.3%	3,265	18,803	34.26%	10,938
2009	120,867	54,441	8,173	15.0%	2,847	21,649	39.77%	13,476
2010	123,442	54,007	8,479	15.7%				
2011	126,071	53,579	8,783	16.4%				
2012	128,757	53,156	9,085	17.1%				
2013	131,500	52,738	9,385	17.8%				
2014	134,301	52,325	9,683	18.5%				

Annual Demand and Energy Savings

Current Year of Installation:

	Per Installation** @ Meter	Per Installation** @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	1.00	1.09	2,847	3,116
Winter kW Reduction	0.63	0.69	1,795	1,966
kWh Reduction (1)	5,119	5,504	14,572,503	15,667,674

Utility cost per Installation - kW

Total Program Cost of the Utility (Administration and Incentives) \$(000)

Net Benefits of Measures Installed During Reporting Period \$(000)

\$125.95
 \$359
 \$468

Column b - The total summer kW demand reduction of all Business lighting equipment.

Column c - The total summer kW demand reduction of all eligible Business lighting equipment.

Columns d, f, g - The annual number of participants in the program expressed in summer kW demand reduction.

* Annual and cumulative program participants start in 2005 and do not reflect summer kW demand reduction of 223,094 prior to 2005.

** One summer kW equals one installation.

(1) kWh Reduction represents one year kWh savings from 2009 installations.

DEMAND SIDE MANAGEMENT 2009 ANNUAL REPORT

Utility: Florida Power and Light Company
 Program Name: Business Building Envelope
 Program Start Date: January 1, 2005
 Reporting Period: 2009

a	b	c	d	e	f *	g *	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [d/cx100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [g/cx100]	Actual Participation Over (Under) Projected Participants(kW)
2005	1,111,876	977,008	2,146	0.2%	4,768	4,768	0.49%	2,622
2006	1,314,316	1,122,250	4,001	0.4%	5,014	9,782	0.87%	5,781
2007	1,342,671	1,114,621	5,842	0.5%	7,473	17,255	1.55%	11,413
2008	1,371,635	1,107,049	7,669	0.7%	9,576	26,831	2.42%	19,162
2009	1,401,219	1,099,534	9,483	0.9%	11,273	38,104	3.47%	28,622
2010	1,431,437	1,092,074	11,282	1.0%				
2011	1,462,303	1,084,671	13,069	1.2%				
2012	1,493,830	1,077,323	14,841	1.4%				
2013	1,526,033	1,070,030	16,601	1.6%				
2014	1,559,331	1,063,067	18,347	1.7%				

Annual Demand and Energy Savings

Current Year of Installation:

	@ Meter	@ Generator
Summer kW Reduction	1.00	1.09
Winter kW Reduction	-0.01	-0.01
kWh Reduction (1)	1,967	2,115

	Per Installation**		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Utility cost per Installation - kW				
Total Program Cost of the Utility (Administration and Incentives) \$(000)			11,273	12,342
Net Benefits of Measures Installed During Reporting Period \$(000)			-60	-66
			22,176,273	23,842,891

Utility cost per Installation - kW

Total Program Cost of the Utility (Administration and Incentives) \$(000)

Net Benefits of Measures Installed During Reporting Period \$(000)

\$402.63
 \$4,539
 \$1,324

Column b - The total summer kW demand reduction of all Business building envelope technologies.

Column c - The total summer kW demand reduction of all eligible Business building envelope technologies.

Columns d, f, g - The annual number of participants in the program expressed in summer kW demand reduction.

* Annual and cumulative program participants start in 2005 and do not reflect summer kW demand reduction of 34,819 prior to 2005.

** One summer kW equals one installation.

(1) kWh Reduction represents one year kWh savings from 2009 installations.

Utility: Florida Power and Light Company
 Program Name: Business Custom Incentive Program
 Program Start Date: January 1, 2005
 Reporting Period: 2009

a	b	c	d	e	f *	g *	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [d/cx100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [g/cx100]	Actual Participation Over (Under) Projected Participants(kW) [g-d]
2005	12,806	10,107	282	2.8%	795	795	7.87%	513
2006	13,126	12,844	564	4.4%	1,568	2,363	18.39%	1,799
2007	13,455	12,891	846	6.6%	12,554	14,917	115.72%	14,071
2008	13,791	12,945	1,128	8.7%	162	15,079	116.49%	13,951
2009	14,136	13,008	1,410	10.8%	1,732	16,812	129.24%	15,402
2010	14,489	13,079	1,692	12.9%				
2011	14,851	13,159	1,974	15.0%				
2012	15,223	13,249	2,256	17.0%				
2013	15,603	13,347	2,538	19.0%				
2014	15,993	13,455	2,820	21.0%				

Annual Demand and Energy Savings

Current Year of Installation:	Per Installation**		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Reduction	1.00	1.09	1,732	1,897
Winter kW Reduction	0.97	1.06	1,674	1,833
kWh Reduction (1)	7,332	7,884	12,703,318	13,658,013

\$335.57
 \$581
 \$17

Utility cost per Installation - kW
 Total Program Cost of the Utility (Administration and Incentives) \$(000)
 Net Benefits of Measures Installed During Reporting Period \$(000)

Column b - The total summer kW demand reduction of representative loads.
 Column c - The total summer kW demand reduction of all non-participating representative loads.
 Columns d, f, g - The annual number of participants in the program expressed in summer kW demand reduction.
 * Annual and cumulative program participants start in 2005 and do not reflect summer kW demand reduction of 14,179 prior to 2005.
 Seven BCI projects were completed in 2009. Detailed description of projects will be included in FPL's Energy Conservation Cost Recovery 2009 True-Up.
 ** One summer kW equals one installation.
 (1) kWh Reduction represents one year kWh savings from 2009 installations.

Utility: Florida Power and Light Company
 Program Name: Business Water Heating
 Program Start Date: January 1, 2007
 Reporting Period: 2009

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [d/cx100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [g/cx100]	Actual Participation Over (Under) Projected Participants(kW) [g-d]
2006	27,337	21,146	0	0.0%	0	0	0.00%	0
2007	27,919	21,596	152	0.7%	63	63	0.29%	(89)
2008	28,514	22,056	165	0.7%	50	113	0.51%	(52)
2009	29,121	22,526	176	0.8%	51	164	0.73%	(12)
2010	29,742	23,006	187	0.8%				
2011	30,375	23,496	197	0.8%				
2012	31,022	23,996	205	0.9%				
2013	31,683	24,507	213	0.9%				
2014	32,358	25,029	220	0.9%				

Annual Demand and Energy Savings

Current Year of Installation:

Summer kW Reduction	1.09
Winter kW Reduction	1.27
kWh Reduction (1)	11,025

	Per Installation**		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Utility cost per Installation - kW	1.00	1.09	51	55
Total Program Cost of the Utility (Administration and Incentives) \$(000)	1.16	1.27	59	64
Net Benefits of Measures Installed During Reporting Period \$(000)	10,255	11,025	518,878	557,873

\$795.72
 \$40
 \$5

Utility cost per Installation - kW

Total Program Cost of the Utility (Administration and Incentives) \$(000)

Net Benefits of Measures Installed During Reporting Period \$(000)

Column b - The total summer kW demand reduction of all Business water heating equipment.

Column c - The total summer kW demand reduction of all eligible Business water heating equipment.

Columns d, f, g - The annual number of participants in the program expressed in summer kW demand reduction.

** One summer kW equals one installation.

(1) kWh Reduction represents one year kWh savings from 2009 installations.

This program was approved per Order No. PSC-06-0801-CO-EI, issued September 26, 2006 in Docket No. 060408-EI.

Utility: Florida Power and Light Company
 Program Name: Business Refrigeration
 Program Start Date: January 1, 2007
 Reporting Period: 2009

a	b	c	d	e	f	g	h	i
Year	Total Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [d/cx100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [g/cx100]	Actual Participation Over (Under) Projected Participants(kW) [g-d]
2006	8,240	6,592	0	0.0%	0	0	0.00%	0
2007	8,416	9,733	274	2.8%	37	37	0.38%	(237)
2008	8,595	9,876	289	2.9%	393	430	4.35%	141
2009	8,779	7,023	299	4.3%	66	496	7.06%	197
2010	8,965	7,172	304	4.2%				
2011	9,156	7,325	304	4.2%				
2012	9,351	7,481	299	4.0%				
2013	9,550	7,640	290	3.8%				
2014	9,754	7,803	278	3.6%				

Annual Demand and Energy Savings

Current Year of Installation:	Per Installation**		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Reduction	1.00	1.09	66	72
Winter kW Reduction	0.89	0.97	59	64
kWh Reduction (1)	8,070	8,676	533,427	573,516

Utility cost per Installation - kW

Total Program Cost of the Utility (Administration and Incentives) \$(000) \$790.79
 Net Benefits of Measures Installed During Reporting Period \$(000) \$52
 \$18

Column b - The total summer kW demand reduction of all electric strip heaters in Business refrigeration equipment.
 Column c - The total summer kW demand reduction of all eligible electric strip heaters in Business refrigeration equipment.
 Columns d, f, g - The annual number of participants in the program expressed in summer kW demand reduction.
 ** One summer kW equals one installation.

(1) kWh Reduction represents one year kWh savings from 2009 installations.
 This program was approved per Order No. PSC-06-0801-CO-EI, issued September 26, 2006 in Docket No. 060408-EI.

DEMAND SIDE MANAGEMENT 2009 ANNUAL REPORT
 Florida Power and Light Company
Business On Call
 January 1, 2005
 2009

Utility:
 Program Name:
 Program Start Date:
 Reporting Period:

a	b	c	d	e	f *	g *	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [d/cx100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [g/cx100]	Participation Over (Under) Projected Participants (g-d)
2005	1,303,882	1,260,287	4,524	0.4%	4,314	4,314	0.34%	(210)
2006	1,331,655	1,283,535	9,048	0.7%	6,752	11,066	0.86%	2,018
2007	1,360,019	1,307,376	13,572	1.0%	19,781	30,847	2.36%	17,275
2008	1,388,987	1,331,820	18,096	1.4%	3,570	34,417	2.58%	16,321
2009	1,418,573	1,356,881	22,620	1.7%	6,099	40,515	2.99%	17,895
2010	1,448,788	1,382,573	27,144	2.0%				
2011	1,479,648	1,408,908	31,668	2.2%				
2012	1,511,164	1,435,901	36,192	2.5%				
2013	1,543,352	1,463,565	40,716	2.8%				
2014	1,576,225	1,491,914	45,240	3.0%				

Annual Demand and Energy Savings

Current Year of Installation:	Per Installation**		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Reduction	1.00	1.09	6,099	6,677
Winter kW Reduction	0.0	0.0	0.0	0
kWh Reduction (1)	1.01	1.09	6,160	6,623

Utility cost per installation - kW

Total Program Cost of the Utility (Administration and Incentives) \$(000)

Net Benefits of Measures Installed During Reporting Period \$(000)

\$38.77 ***
 \$3,513 ***
 \$474

Column b - The total summer kW demand reduction of Business customers' controllable load.

Column c - The total summer kW demand reduction of eligible Business customers' controllable load.

Columns d, f, g - The annual number of participants in the program expressed in summer kW demand reduction.

* Annual and cumulative program participants start in 2005 and do not reflect 46 MW @ generator prior to 2005.

** One summer kW equals one installation.

***Utility Cost per installation is based on cumulative active year-end 90.6 MW @ generator. Utility program costs for 2009 include O&M, Depreciation and Return expenses, and incentives paid in 2009 to active participating customers who were signed up in 2009 and in years prior to 2009.

(1) kWh Reduction represents one year kWh savings from 2009 installations.

Utility: Florida Power and Light Company
 Program Name: Commercial/Industrial Demand Reduction
 Program Start Date: January 1, 2005
 Reporting Period: 2009

a	b	c	d	e	f *	g *	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [d/cx100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [g/cx100]	Participation Over (Under) Projected Participants [g-i]
2005	1,386,728	1,386,728	6,333	0.5%	8,227	8,227	0.59%	1,894
2006	1,413,001	1,406,668	12,666	0.9%	25,162	33,389	2.37%	20,723
2007	1,438,974	1,426,308	18,999	1.3%	53,458	86,847	6.09%	67,848
2008	1,464,432	1,445,433	25,332	1.8%	42,569	129,416	8.95%	104,084
2009	1,489,580	1,464,248	31,665	2.2%	39,598	169,014	11.54%	137,349
2010	1,514,604	1,482,939	37,998	2.6%				
2011	1,539,565	1,501,567	44,331	3.0%				
2012	1,564,409	1,520,078	50,664	3.3%				
2013	1,589,229	1,538,565	56,997	3.7%				
2014	1,614,159	1,557,162	63,330	4.1%				

Annual Demand and Energy Savings

Current Year of Installation:

	Per Installation @ Meter	Per Installation @ Generator	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction	**	**	39,598	43,352
Winter kW Reduction	**	**	39,598	43,352
kWh Reduction (1)	**	**	534,173	574,318

Utility cost per Installation - kW

Total Program Cost of the Utility (Administration and Incentives) \$(000)

Net Benefits of Measures Installed During Reporting Period \$(000)

\$39.91 ***
 \$8,399 ***
 \$478

Column b - The total summer kW demand reduction of C/I controllable loads greater than 200 kW / customer.

Column c - The total summer kW demand reduction of eligible C/I controllable loads greater than 200 kW / customer.

Columns d, f, g - The annual number of participants in the program expressed in summer kW demand reduction.

* Annual and cumulative program participants start in 2005 and do not reflect 24.5 MW @ generator prior to 2005.

** Demand and energy savings vary by customer/installation.

*** Utility cost per installation based on cumulative active year-end 210.5 MW @ generator. Utility program costs for 2009 include O&M and incentives paid in 2009 to active customers who were signed up in 2009 and in years prior to 2009.

(1) kWh Reduction represents one year kWh savings from 2009 installations.

DEMAND SIDE MANAGEMENT 2009 ANNUAL REPORT

Utility: Florida Power and Light Company
 Program Name: Business Energy Evaluation Program
 Program Start Date: January 1, 2005
 Reporting Period: 2009

a	b	c	d	e	f *	g *	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [d/cx100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [g/cx100]	Participation Over (Under) Projected Participants (g-d)
2005	484,801	484,801	6,000	1.2%	8,544	8,544	1.76%	2,544
2006	493,723	493,723	12,000	2.4%	12,140	20,684	4.19%	8,684
2007	502,842	502,842	18,000	3.6%	11,755	32,439	6.45%	14,439
2008	511,352	511,352	24,000	4.7%	11,598	44,037	8.61%	20,037
2009	519,746	519,746	30,000	5.8%	12,036	56,073	10.79%	26,073
2010	528,421	528,421	36,000	6.8%				
2011	537,122	537,122	42,000	7.8%				
2012	545,698	545,698	48,000	8.8%				
2013	554,434	554,434	54,000	9.7%				
2014	562,920	562,920	60,000	10.7%				

Annual Demand and Energy Savings

Current Year of Installation:	Per Installation @ Meter	Program Total @ Meter	Program Total @ Generator
Summer kW Reduction			
Winter kW Reduction			
kWh Reduction			

No demand and energy projections made for this program.

Utility cost per Installation			\$280.31
Total Program Cost of the Utility (Administration) \$(000)			\$3,374
Net Benefits of Measures Installed During Reporting Period \$(000)			NA

* Annual and cumulative program participants start in 2005 and do not reflect 85,121 participants prior to 2005.