Florida Power & Light Company, P.O. Box 55-8050, Miami, FL 33255-8050

FPL

February 22, 2005

Mr. Bob Trapp, Deputy Director
Division of Economic Regulation
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Fl 32399-0850

Re: 2004 Demand Side Management Annual Report

Dear Mr. Trapp:

Pursuant to Rule 25-17.0021(5) FPL is submitting its annual report summarizing 2004 demand side management (DSM) activities and achievements.

The demand and energy goals in this report are those approved in Docket No. 991788-EG, Demand-Side Management Plan of Florida Power & Light Company, dated December 29, 1999.

Please find enclosed three (3) copies of the 2004 Demand Side Management Annual Report.

Sincerely,

Ken Getchell
Budget and Regulatory Supervisor

Enclosures

FLORIDA POWER & LIGHT COMPANY
DEMAND SIDE MANAGEMENT
ANNUAL REPORT 2004

In addition to the individual program information that accompanies this report, below is a brief description of FPL's research and development efforts for 2004.

RESEARCH & DEVELOPMENT

A. **Conservation Research and Development**. Over the years, FPL has researched a wide variety of technologies to develop new Demand Side Management (DSM) programs such as Commercial/Industrial Building Envelope, Business On Call load control, and Residential New Home Construction (BuildSmart).

During 2004, FPL filed new DSM Goals which included two brand new program measures: (1) Energy Recovery Ventilators (under the CI HVAC Program), and (2) Residential Reflective Roof (under the Residential Building Envelope Program). Both of these new program measures are a direct result of research projects conducted under the Conservation R&D program.

Technology assessments for possible product development are continuing. DSM measures currently being evaluated include: (1) The Vacant Home Study - scientific field experiments to test strategies to control relative humidity, and therefore mold and mildew, in vacant homes of seasonal customers with considerations to energy consumption and peak hour electrical demand, (2) The Chilling Filter - an evaporative pre-cooler for commercial direct expansion (DX) a/c, and (3) Fuel Cells - a field test of a next-generation, small commercial fuel cell fueled by natural gas.

B. **Low Income Weatherization Program:** This program employed a combination of energy audits and incentives to encourage low-income housing administrators to perform tune-ups of Heating Ventilation and Air Conditioning (HVAC) systems and install reduced air infiltration energy efficient measures.

FPL received approval for this program in Docket No. 040049-EG, Order No. PSC-04-0359-PAA-EG, issued April 5, 2004. During 2004 there were a total of 13 installations and 4.13 kW.

C. **Photovoltaic Research, Development and Education Project (PVR&D).** The objective of this project was to work with customers to install five to ten photovoltaic roof systems in new, single family homes and small commercial facilities.

This project was completed as of December 2003. Analysis of the data was completed in January 2004 and cost effectiveness determination was made on February 5, 2004. The results indicated that the PV systems did not perform cost effectively. A report with the results was submitted to FPSC on June 17th, 2004.

D. **Green Energy Project**. Under this project FPL is providing residential customers interested in promoting renewable energy the option of participating in this voluntary program.

FPL received approval for this project in Docket No. 030752-EI, Order No. PSC-03-1442-TRF-EI issued December 22, 2003. A consummating order was issued on January 16, 2004, thereby allowing FPL to begin marketing its Green Power Pricing Program. Program accomplishments thru year end 2004 include 10,674 customer enrollments and the purchase of 9,665 MWh's of renewable energy.

OTHER CONSERVATION ACTIVITIES

E. **Cogeneration**. The objective of this program is to facilitate the installation of cogeneration and small power production facilities.

Program accomplishments for 2004 include purchases from thirteen facilities providing energy savings of 6,448 GWHs and summer and winter demand savings of 885 MWs and 911 MWs, respectively.

FLORIDA POWER & LIGHT
Comparison of Achieved kW and kWH Reductions
with Annual Target Included in Public Service Commission Approved Goals
December 31, 2004

Residential and Commercial/Industrial

	Winter Peak mW Reduction			Summer Peak mW Reduction			gWh Energy Reduction		
Year	Cumulative Total Achieved	Cumulative Commission Approved Goal	% Variance	Cumulative Total Achieved	Cumulative Commission Approved Goal	% Variance	Cumulative Total Achieved	Cumulative Commission Approved Goal	% Variance
2000	94.6	112.1	-16%	134.9	121.7	11%	188.9	160.4	18%
2001	175.2	171.2	2%	244.8	199.8	22%	400.0	275.9	45%
2002	266.7	214.1	25%	363.0	269.0	35%	606.9	393.5	54%
2003	391.5	257.2	52%	528.2	339.4	56%	803.2	514.4	56%
2004	421.8	300.2	40%	605.0	410.4	47%	964.0	637.7	51%
2005		344.8			483.6			766.8	
2006		386.1			554.2			895.8	
2007		427.0			625.0			1,025.0	
2008		467.9			696.6			1,155.6	
2009		505.4			764.7			1,286.6	

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

Residential

	Winter Peak mW Reduction			Summer Peak mW Reduction			gWh Energy Reduction		
Year	Cumulative Total Achieved	Cumulative Commission Approved Goal	% Variance	Cumulative Total Achieved	Cumulative Commission Approved Goal	% Variance	Cumulative Total Achieved	Cumulative Commission Approved Goal	% Variance
2000	78.3	91.6	-15%	93.4	75.5	24%	123.7	91.9	35%
2001	139.4	139.0	0%	158.4	126.5	25%	231.0	178.3	30%
2002	225.2	170.0	32%	243.1	169.4	44%	350.3	267.1	31%
2003	256.0	200.4	28%	293.4	212.8	38%	434.9	357.3	22%
2004	273.6	230.1	19%	338.9	256.6	32%	526.2	448.9	17%
2005		260.6			302.0			544.2	
2006		289.0			347.0			640.9	
2007		317.2			392.6			739.3	
2008		345.7			439.4			840.3	
2009		372.4			485.9			943.2	

Commercial/Industrial

	Winter Peak mW Reduction			Summer Peak mW Reduction			gWh Energy Reduction		
Year	Cumulative Total Achieved	Cumulative Commission Approved Goal	% Variance	Cumulative Total Achieved	Cumulative Commission Approved Goal	% Variance	Cumulative Total Achieved	Cumulative Commission Approved Goal	% Variance
2000	16.4	20.5	-20%	41.5	46.2	-10%	65.2	68.5	-5%
2001	35.9	32.2	11%	86.3	73.3	18%	169.0	97.6	73%
2002	41.4	44.1	-6%	119.8	99.6	20%	256.7	126.4	103%
2003	135.5	56.8	139%	234.8	126.6	85%	368.3	157.1	134%
2004	148.2	70.1	111%	266.1	153.8	73%	437.8	188.8	132%
2005		84.2			181.6			222.6	
2006		97.1			207.2			254.9	
2007		109.8			232.4			285.7	
2008		122.2			257.2			315.3	
2009		133.0			278.8			343.4	

Utility: Florida Power and Light
Program Name: **Residential Building Envelope Program**
Program Start Date: January 1, 2001
Reporting Period: 2004

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)
2000	3,398,802	413,886	6,851	1.66%	13,866	13,866	3.35%	7,015
2001	3,462,962	378,499	25,165	6.65%	25,014	38,880	10.27%	13,715
2002	3,525,089	342,326	41,503	12.12%	25,588	64,468	18.83%	22,965
2003	3,585,232	309,809	56,085	18.10%	17,891	82,359	26.58%	26,274
2004	3,643,479	280,563	69,106	24.63%	10,982	93,341	33.27%	24,235
2005	3,700,888	254,241	80,739	31.76%				
2006	3,757,466	230,538	91,139	39.53%				
2007	3,813,758	209,180	100,441	48.02%				
2008	3,870,300	189,924	101,272	53.32%				
2009	3,927,596	172,553	116,214	67.35%				

Annual Demand and Energy Savings Current Year of Installation:	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer KW Reduction	0.18	0.20	1,981	2,190
Winter KW Reduction	0.41	0.45	4,476	4,948
(1) KWH Reduction	477	516	5,242,965	5,663,784

Utility cost per Installation	$139.80
Total Program Cost of the Utility (Administration and Incentives) $(000)	$1,535
Net Benefits of Measures Installed During Reporting Period $(000)	$22

* Annual and cumulative program participants start in 2000 and do not reflect 626,989 participants in the Residential Ceiling Insulation and Conservation Window Treatment programs prior to 2000.
(1) KWH Reduction represents one year KWH savings from 2004 installations.

SFHHA 013876
FPL RC-16

Utility: Florida Power and Light
Program Name: **Duct System Testing and Repair Program**
Program Start Date: January 1, 2001
Reporting Period: 2004

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)
2000	3,398,802	1,618,745	32,279	1.99%	11,446	11,446	0.71%	(20,833)
2001	3,462,962	1,649,303	61,412	3.72%	23,198	34,644	2.10%	(26,768)
2002	3,525,089	1,678,892	91,134	5.43%	35,206	69,850	4.16%	(21,284)
2003	3,585,232	1,707,536	121,424	7.11%	22,920	92,770	5.43%	(28,654)
2004	3,643,479	1,735,278	152,270	8.77%	17,949	110,719	6.38%	(41,551)
2005	3,700,888	1,762,620	183,661	10.42%				
2006	3,757,466	1,789,566	215,595	12.05%				
2007	3,813,758	1,816,376	248,069	13.66%				
2008	3,870,300	1,843,305	281,090	15.25%				
2009	3,927,596	1,870,594	314,661	16.82%				

Annual Demand and Energy Savings Current Year of Installation:	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer KW Reduction	0.16	0.18	2,850	3,151
Winter KW Reduction	0.16	0.18	2,848	3,148
(1) KWH Reduction	324	350	5,819,737	6,286,850

Utility cost per Installation	$112.44
Total Program Cost of the Utility (Administration and Incentives) $(000)	$2,018
Net Benefits of Measures Installed During Reporting Period $(000)	$16

* Annual and cumulative program participants start in 2000 and do not reflect 807,982 participants prior to 2000.
(256,463 Duct Maintenance and 551,519 Low Cost H.E.L.P. participants.)
(1) KWH Reduction represents one year KWH savings from 2004 installations.

SFHHA 013877
FPL RC-16

Utility: Florida Power and Light
Program Name: **Residential Air Conditioning Program**
Program Start Date: January 1, 2001
Reporting Period: 2004

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)
2000	3,398,802	1,377,603	49,460	3.59%	72,499	72,499	5.26%	23,039
2001	3,462,962	1,426,850	94,712	6.64%	60,418	132,917	9.32%	38,205
2002	3,525,089	1,474,755	141,924	9.62%	65,056	197,973	13.42%	56,049
2003	3,585,232	1,521,812	190,944	12.55%	49,778	247,751	16.28%	56,807
2004	3,643,479	1,568,405	241,658	15.41%	55,322	303,073	19.32%	61,415
2005	3,700,888	1,615,207	293,989	18.20%				
2006	3,757,466	1,662,336	347,892	20.93%				
2007	3,813,758	1,710,067	403,346	23.59%				
2008	3,870,300	1,758,629	460,344	26.18%				
2009	3,927,596	1,808,218	518,894	28.70%				

Annual Demand and Energy Savings Current Year of Installation:	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer KW Reduction	0.66	0.73	36,595	40,450
Winter KW Reduction	0.10	0.11	5,546	6,131
(1) KWH Reduction	1,383	1,494	76,534,406	82,677,332

Utility cost per Installation	$300.47
Total Program Cost of the Utility (Administration and Incentives) $(000)	$16,623
Net Benefits of Measures Installed During Reporting Period $(000)	$331

* Annual and cumulative program participants start in 2000 and do not reflect 493,693 participants prior to 2000.
(1) KWH Reduction represents one year KWH savings from 2004 installations.

SFHHA 013878
FPL RC-16

Utility: Florida Power and Light
Program Name: **Residential Load Management (On Call) Program**
Program Start Date: January 1, 2001
Reporting Period: 2004

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)
2000	3,398,802	2,135,321	36,808	1.72%	41,462	41,462	1.94%	4,654
2001	3,462,962	2,126,591	50,393	2.37%	16,479	57,941	2.72%	7,548
2002	3,525,089	2,117,563	55,488	2.62%	29,975	87,916	4.15%	32,428
2003	3,585,232	2,108,299	60,582	2.87%	10,170	98,086	4.65%	37,504
2004	3,643,479	2,098,875	65,677	3.13%	2,146	100,232	4.78%	34,555
2005	3,700,888	2,089,905	70,771	3.39%				
2006	3,757,466	2,081,372	75,016	3.60%				
2007	3,813,758	2,073,550	79,262	3.82%				
2008	3,870,300	2,066,687	83,507	4.04%				
2009	3,927,596	2,060,997	86,903	4.22%				

Annual Demand and Energy Savings	Per Installation		Program Total	
Current Year of Installation:	@ Meter	@ Generator	@ Meter	@ Generator
Summer KW Reduction	0.99	1.09	2,125	2,348
Winter KW Reduction	1.18	1.30	2,532	2,799
(1) KWH Reduction	19	20	40,017	43,229

Utility cost per Installation	$87.03 **
Total Program Cost of the Utility (Administration and Incentives) $(000)	$62,279 **
Net Benefits of Measures Installed During Reporting Period $(000)	$120

* Annual and cumulative program participants start in 2000 and do not reflect 615,346 participants prior to 2000.

** Utility Cost per installation is based on cumulative number of year-end 2004 installs of 715,578. Utility program costs for 2004 include O&M and Depreciation & Return expenses, and incentives paid in 2004 to active participating customers who were signed up in 2004 and in years prior to 2004.

(1) KWH Reduction represents one year KWH savings from 2004 installations.

SFHHA 013879
FPL RC-16

Utility: Florida Power and Light
Program Name: **Residential New Construction (Buildsmart) Program**
Program Start Date: January 1, 2001
Reporting Period: 2004

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)
2000	3,398,802	44,386	3,140	7.07%	708	708	1.60%	(2,432)
2001	3,462,962	45,904	5,713	12.44%	1,204	1,912	4.17%	(3,801)
2002	3,525,089	45,177	8,893	19.69%	1,303	3,215	7.12%	(5,678)
2003	3,585,232	44,437	12,022	27.05%	1,668	4,883	10.99%	(7,139)
2004	3,643,479	43,717	15,099	34.54%	2,032	6,915	15.82%	(8,184)
2005	3,700,888	43,760	19,375	44.28%				
2006	3,757,466	43,788	23,655	54.02%				
2007	3,813,758	44,225	27,977	63.26%				
2008	3,870,300	45,082	32,838	72.84%				
2009	3,927,596	46,353	37,836	81.62%				

Annual Demand and Energy Savings	Per Installation		Program Total	
Current Year of Installation:	@ Meter	@ Generator	@ Meter	@ Generator
Summer KW Reduction	0.96	1.06	1,948	2,153
Winter KW Reduction	1.08	1.20	2,198	2,429
(1) KWH Reduction	1,794	1,938	3,646,182	3,938,837

Utility cost per Installation	$286.97
Total Program Cost of the Utility (Administration and Incentives) $(000)	$583
Net Benefits of Measures Installed During Reporting Period $(000)	$119

* Annual and cumulative program participants start in 2000 and do not reflect 566 participants prior to 2000.
(1) KWH Reduction represents one year KWH savings from 2004 installations.

SFHHA 013880
FPL RC-16

Utility: Florida Power and Light
Program Name: **Residential Conservation Service**
Program Start Date: January 1, 2001
Reporting Period: 2004

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)
2000	3,398,802	3,398,802	50,000 - 70,000	1.5% - 2.1%	42,046	42,046	1.24%	(7,954) - (27,954)
2001	3,462,962	3,462,962	100,000 - 140,000	2.9% - 4.0%	123,952	165,998	4.79%	65,998 - 25,998
2002	3,525,089	3,525,089	150,000 - 210,000	4.3% - 6.0%	96,879	262,877	7.46%	112,877 - 52,877
2003	3,585,232	3,585,232	200,000 - 280,000	5.6% - 7.8%	109,132	372,009	10.38%	172,009 - 92,009
2004	3,643,479	3,643,479	250,000 - 350,000	6.9% - 9.6%	109,781	481,790	13.22%	231,790 - 131,790
2005	3,700,888	3,700,888	300,000 - 420,000	8.1% - 11.3%				
2006	3,757,466	3,757,466	350,000 - 490,000	9.3% - 13.0%				
2007	3,813,758	3,813,758	400,000 - 560,000	10.5% - 14.7%				
2008	3,870,300	3,870,300	450,000 - 630,000	11.6% - 16.3%				
2009	3,927,596	3,927,596	500,000 - 700,000	12.7% - 17.8%				

Annual Demand and Energy Savings

Current Year of Installation:	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer KW Reduction				
Winter KW Reduction				
KWH Reduction				

No demand and energy projections made for this program.

Utility cost per Installation	$79.98
Total Program Cost of the Utility (Administration and Incentives) $(000)	$8,780
Net Benefits of Measures Installed During Reporting Period $(000)	NA

* Annual and cumulative program participants start in 2000 and do not reflect 1,500,437 participants prior to 2000.

SFHHA 013881
FPL RC-16

Utility: Florida Power and Light
Program Name: **Commercial/Industrial Heating, Ventilating and Air Conditioning Program**
Program Start Date: January 1, 2001
Reporting Period: 2004

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)
2000	696,495	482,803	17,482	3.62%	20,422	20,422	4.23%	2,940
2001	711,330	461,059	27,857	6.04%	17,099	37,521	8.14%	9,664
2002	726,481	440,318	38,240	8.68%	24,525	62,046	14.09%	23,806
2003	741,955	420,531	48,647	11.57%	17,706	79,752	18.96%	31,105
2004	757,759	401,655	58,882	14.66%	11,454	91,206	22.71%	32,324
2005	773,899	383,646	68,954	17.97%				
2006	790,383	366,463	78,872	21.52%				
2007	807,218	350,068	88,643	25.32%				
2008	824,412	334,423	98,276	29.39%				
2009	841,972	319,494	107,777	33.73%				

Annual Demand and Energy Savings	** Per Installation		Program Total	
Current Year of Installation:	@ Meter	@ Generator	@ Meter	@ Generator
Summer KW Reduction	1.00	1.11	11,454	12,661
Winter KW Reduction	0.07	0.08	825	912
(1) KWH Reduction	2,855	3,084	32,704,697	35,329,694

Utility cost per Installation - kw	$208.72
Total Program Cost of the Utility (Administration and Incentives) $(000)	$2,391
Net Benefits of Measures Installed During Reporting Period $(000)	$148

Column b - The total summer kw demand reduction for all HVAC equipment.
Column c - The total summer kw demand reduction capability of eligible 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 2000 and do not reflect summer kw demand reduction of 140,924 prior to 2000.
** One summer kw equals one installation.
(1) KWH Reduction represents one year KWH savings from 2004 installations.

SFHHA 013882
FPL RC-16

Utility: Florida Power and Light
Program Name: **Commercial/Industrial Efficient Lighting**
Program Start Date: January 1, 2001
Reporting Period: 2004

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)
2000	764,864	426,054	4,634	1.09%	3,293	3,293	0.77%	(1,341)
2001	781,156	409,618	7,505	1.83%	4,048	7,341	1.79%	(164)
2002	797,794	393,873	10,556	2.68%	5,386	12,727	3.23%	2,171
2003	814,787	378,787	14,299	3.77%	5,448	18,175	4.80%	3,875
2004	832,142	364,331	18,502	5.08%	5,646	23,820	6.54%	5,318
2005	849,867	350,475	23,447	6.69%				
2006	867,969	337,192	28,171	8.35%				
2007	886,457	324,456	32,683	10.07%				
2008	905,338	312,244	36,995	11.85%				
2009	924,622	300,531	41,115	13.68%				

Annual Demand and Energy Savings	** Per Installation		Program Total	
Current Year of Installation:	@ Meter	@ Generator	@ Meter	@ Generator
Summer KW Reduction	1.00	1.11	5,646	6,240
Winter KW Reduction	0.66	0.73	3,714	4,105
(1) KWH Reduction	4,975	5,374	28,085,561	30,339,809

Utility cost per Installation - kw	$116.18
Total Program Cost of the Utility (Administration and Incentives) $(000)	$656
Net Benefits of Measures Installed During Reporting Period $(000)	$73

Column b - The total summer kw demand reduction for all lighting equipment of C/I Customers.
Column c - The total summer kw demand reduction capability of eligible 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 2000 and do not reflect summer kw demand reduction of 199,324 prior to 2000.
** One summer kw equals one installation.
(1) KWH Reduction represents one year KWH savings from 2004 installations.

SFHHA 013883
FPL RC-16

Utility: Florida Power and Light
Program Name: **Commercial/Industrial Building Envelope**
Program Start Date: January 1, 2001
Reporting Period: 2004

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)
2000	1,328,466	651,588	5,100	0.78%	4,111	4,111	0.63%	(989)
2001	1,356,762	641,765	8,866	1.38%	1,363	5,474	0.85%	(3,392)
2002	1,385,662	632,171	12,600	1.99%	2,853	8,327	1.32%	(4,273)
2003	1,415,176	622,795	16,302	2.62%	2,441	10,767	1.73%	(5,535)
2004	1,445,319	613,631	19,973	3.25%	4,029	14,797	2.41%	(5,176)
2005	1,476,105	604,672	23,613	3.91%				
2006	1,507,546	595,913	27,222	4.57%				
2007	1,539,656	587,348	30,801	5.24%				
2008	1,572,451	578,972	34,350	5.93%				
2009	1,605,944	570,781	37,869	6.63%				

Annual Demand and Energy Savings	** Per Installation		Program Total	
Current Year of Installation:	@ Meter	@ Generator	@ Meter	@ Generator
Summer KW Reduction	1.00	1.11	4,029	4,454
Winter KW Reduction	0.16	0.17	629	695
(1) KWH Reduction	1,994	2,154	8,035,026	8,679,946

Utility cost per Installation - kw	$226.11
Total Program Cost of the Utility (Administration and Incentives) $(000)	$911
Net Benefits of Measures Installed During Reporting Period $(000)	$48

Column b - The total summer kw demand reduction for building envelope technologies of C/I Customers.
Column c - The total summer kw demand reduction capability of eligible 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 2000 and do not reflect summer kw demand reduction of 20,022 prior to 2000.
** One summer kw equals one installation.
(1) KWH Reduction represents one year KWH savings from 2004 installations.

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FPL RC-16

Utility: Florida Power and Light
Program Name: **Business Custom Incentive Program**
Program Start Date: January 1, 2001
Reporting Period: 2004

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)
2000	23,760	2,970	80	2.69%	48	48	1.60%	(33)
2001	23,760	2,890	205	7.09%	4,853	4,901	169.57%	4,696
2002	23,760	2,765	355	12.84%	305	5,206	188.26%	4,851
2003	23,760	2,615	480	18.36%	7,986	13,192	504.46%	12,712
2004	23,760	2,490	630	25.30%	158	13,350	536.13%	12,720
2005	23,760	2,340	755	32.26%				
2006	23,760	2,215	905	40.86%				
2007	23,760	2,065	1,030	49.88%				
2008	23,760	1,940	1,180	60.82%				
2009	23,760	1,790	1,305	72.91%				

Annual Demand and Energy Savings	** Per Installation		Program Total	
Current Year of Installation:	@ Meter	@ Generator	@ Meter	@ Generator
Summer KW Reduction	1.00	1.11	158	175
Winter KW Reduction	1.22	1.35	192	213
(1) KWH Reduction	3,627	3,918	573,392	619,414

Utility cost per Installation - kw	$145.95
Total Program Cost of the Utility (Administration and Incentives) $(000)	$23
Net Benefits of Measures Installed During Reporting Period $(000)	$17

Column b - The total summer kw demand reduction for battery charging customers.
Column c - The total summer kw demand reduction of targeted battery charging customers.
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 2000 and do not reflect summer kw demand reduction of 3,086 prior to 2000.
Two BCI projects were completed in 2004. A detailed description of each project will be included in FPL's Energy Conseration Final True-Up.
** One summer kw equals one installation.
(1) KWH Reduction represents one year KWH savings from 2004 installations.

SFHHA 013885
FPL RC-16

Utility: Florida Power and Light
Program Name: **Business On Call**
Program Start Date: January 1, 2001
Reporting Period: 2004

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)
2000	420,366	406,854	3,030	0.74%	4,152	4,152	1.02%	1,122
2001	429,320	412,778	7,615	1.84%	9,419	13,571	3.29%	5,956
2002	438,465	417,338	11,283	2.70%	4,202	17,773	4.26%	6,490
2003	447,804	423,009	14,951	3.53%	6,002	23,775	5.62%	8,824
2004	457,342	428,879	18,619	4.34%	2,739	26,515	6.18%	7,896
2005	467,084	434,953	22,287	5.12%				
2006	477,033	441,234	25,038	5.67%				
2007	487,193	448,643	27,789	6.19%				
2008	497,571	456,270	30,540	6.69%				
2009	508,169	464,117	31,916	6.88%				

Annual Demand and Energy Savings

Current Year of Installation:	** Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer KW Reduction	1.00	1.11	2,739	3,028
Winter KW Reduction	0.00	0.00	0	0
(1) KWH Reduction	1.01	1.09	2,774	2,996

Utility cost per Installation - kw	$53.16	***
Total Program Cost of the Utility (Administration and Incentives) $(000)	$2,446	***
Net Benefits of Measures Installed During Reporting Period $(000)	$122	

Column b - The total summer kw demand reduction of controllable load attributable to C/I Customers.
Column c - The total summer kw demand reduction of controllable load for eligible C/I Customers.
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 2000 and do not reflect summer kw demand reduction of 15,276 prior to 2000.
** One summer kw equals one installation.
*** Utility Cost per installation is based on cumulative active year-end summer kw demand reduction @ generator of 46,016. Utility program costs for 2004 include O&M and Depreciation & Return expenses, and incentives paid in 2004 to active participating customers who were signed up in 2004 and in years prior to 2004.
(1) KWH Reduction represents one year KWH savings from 2004 installations.

SFHHA 013886
FPL RC-16

DEMAND SIDE MANAGEMENT ANNUAL REPORT

Utility: Florida Power and Light
Program Name: **Commercial/Industrial Load Control**
Program Start Date: January 1, 2001
Reporting Period: 2004

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)
2000	2,784,654	2,375,814	15,900	0.67%	9,300	9,300	0.39%	(6,600)
2001	2,843,151	2,434,311	15,900	0.65%	1,051	10,351	0.43%	(5,549)
2002	2,899,792	2,485,449	15,900	0.64%	-7,755	2,596	0.10%	(13,304)
2003	2,954,324	2,534,479	15,900	0.63%	70,241	72,837	2.87%	56,937
2004	3,006,844	2,581,497	15,900	0.62%	1,135	73,972	2.87%	58,072
2005	3,058,303	2,627,454	SEE NOTE **** BELOW					
2006	3,108,423	2,672,072						
2007	3,159,830	2,718,894						
2008	3,211,625	2,766,105						
2009	3,268,829	2,818,723						

Annual Demand and Energy Savings	Per Installation		Program Total (1)		
Current Year of Installation:	@ Meter	@ Generator	@ Meter	@ Generator	
Summer KW Reduction	**	**	1,135	1,255	
Winter KW Reduction	**	**	1,135	1,255	
(1) KWH Reduction	**	**	15,318	16,548	
Utility cost per Installation - kw					$59.19 ***
Total Program Cost of the Utility (Administration and Incentives) $(000)					$30,602 ***
Net Benefits of Measures Installed During Reporting Period $(000)					NA

Colum b - The total summer kw demand reduction of capability of C/I customers with loads greater than 200 kw.

Column c - The total summer kw demand reduction capability of eligible C/I customers.

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 2000 and do not reflect 437.6 MW @ generator prior to 2000.

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

*** Cost per installation based on cumulative active year-end megawatts @ generator of 517. Utility program costs for 2004 include O&M and Depreciation & Return expenses and incentives paid in 2004 to active customers who were signed up prior to 2004.

**** On April 4, 1996, FPL received approval in Order No. PSC-96-0468-FOF-EG, to limit the availability of the CILC program to existing customers. On March 10, 1999, Order No. PSC-99-0505-PCO-EG required customers under contract to take CILC service but not yet on the rate to initiate CILC service by 12/31/2000. The CILC program will continue after December 31, 2000, however, it will only be available for customers participating in it prior to December 31, 2000.

(1) KWH Reduction represents one year KWH savings from 2004 installations.

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FPL RC-16

DEMAND SIDE MANAGEMENT ANNUAL REPORT

Utility: Florida Power and Light
Program Name: **Commercial/Industrial Demand Reduction**
Program Start Date: January 1, 2001
Reporting Period: 2004

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)
2000	2,784,654	2,375,814	0	0.00%	-	-	-	-
2001	2,843,151	2,434,311	5,502	0.23%	6,973	6,973	0.29%	1,471
2002	2,899,792	2,485,449	11,004	0.44%	4,025	10,998	0.44%	(6)
2003	2,954,324	2,534,479	16,506	0.65%	5,129	16,127	0.64%	(379)
2004	3,006,844	2,581,497	22,008	0.85%	6,143	22,270	0.86%	262
2005	3,058,303	2,627,454	27,510	1.05%				
2006	3,108,423	2,672,072	32,095	1.20%				
2007	3,159,830	2,718,894	36,680	1.35%				
2008	3,211,625	2,766,105	41,265	1.49%				
2009	3,268,829	2,818,723	44,475	1.58%				

Annual Demand and Energy Savings	Per Installation		Program Total	
Current Year of Installation:	@ Meter	@ Generator	@ Meter	@ Generator
Summer KW Reduction	**	**	6,143	6,790
Winter KW Reduction	**	**	6,143	6,790
(1) KWH Reduction	**	**	82,877	89,529

Utility cost per Installation - kw	$38.59 ***
Total Program Cost of the Utility (Administration and Incentives) $(000)	$945 ***
Net Benefits of Measures Installed During Reporting Period $(000)	$69

Colum b - The total summer kw demand reduction of capability of C/I customers with loads greater than 200 kw.
Column c - The total summer kw demand reduction capability of eligible C/I customers.
Columns d, f, g - The annual number of participants in the program expressed in summer kw demand reduction.
** Demand and energy savings vary by customer/installation.
*** Cost per installation based on cumulative active year-end megawatts @ generator of 24.5
Utility program costs for 2004 include incentives paid in 2004 to active customers who were signed up in 2004 and in years prior to 2004.
(1) KWH Reduction represents one year KWH savings from 2004 installations.

SFHHA 013888
FPL RC-16

DEMAND SIDE MANAGEMENT ANNUAL REPORT

Utility: Florida Power and Light
Program Name: **Business Energy Evaluation Program**
Program Start Date: January 1, 2001
Reporting Period: 2004

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)
2000	430,477	430,477	5,000	1.16%	5,326	5,326	1.24%	326
2001	439,520	439,520	10,000	2.28%	7,346	12,672	2.88%	2,672
2002	448,276	448,276	15,000	3.35%	6,728	19,400	4.33%	4,400
2003	456,706	456,706	20,000	4.38%	8,691	28,091	6.15%	8,091
2004	464,825	464,825	25,000	5.38%	7,590	35,681	7.68%	10,681
2005	472,780	472,780	30,000	6.35%				
2006	480,528	480,528	35,000	7.28%				
2007	488,475	488,475	40,000	8.19%				
2008	496,482	496,482	45,000	9.06%				
2009	505,325	505,325	50,000	9.89%				

Annual Demand and Energy Savings
Current Year of Installation:

	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer KW Reduction				
Winter KW Reduction				
KWH Reduction				

No demand and energy projections made for this program.

Utility cost per Installation	$610.55
Total Program Cost of the Utility (Administration and Incentives) $(000)	$4,634
Net Benefits of Measures Installed During Reporting Period $(000)	NA

* Annual and cumulative program participants start in 2000 and do not reflect 49,440 participants prior to 2000.

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