



ORIGINAL

RECEIVED-FPSC  
05 APR 14 PM 4:19  
COMMISSION  
CLERK

April 14, 2005

**VIA HAND DELIVERY**

Ms. Blanco S. Bayo, Director  
Division of the Commission Clerk and  
Administrative Services  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

Re: Florida Power & Light Company's 2005 Ten Year Site Plan

Dear Ms. Bayo:

Enclosed please find FPL's revised pages to its Ten Year Site Plan filed on April 1, 2005. Included are both the new pages as well as the old pages in legislative format.

Specifically, the following pages are being replaced:

- p. 22 – Schedule 1
- p. 69 – Schedule 6.1
- p. 74 – Schedule 8

CMP \_\_\_\_\_

COM \_\_\_\_\_

CTR \_\_\_\_\_

ECR \_\_\_\_\_

GCL \_\_\_\_\_

OPC \_\_\_\_\_

MMS \_\_\_\_\_

RCA \_\_\_\_\_

SCR \_\_\_\_\_

SEC 1

OTH J Kim P.

If you have any questions, please do not hesitate to contact me at (305) 552-4159.

Sincerely,

John A. Hepokoski

Regulatory Issues Manager

RECEIVED & FILED

FPSC-BUREAU OF RECORDS

DOCUMENT NUMBER-DATE

03658 APR 14 '05

FPSC-COMMISSION CLERK

Schedule 1

Existing Generating Facilities  
As of December 31, 2004

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Plant Name	Unit No.	Location	Unit Type	Fuel Pri.	Fuel All.	Fuel Transport		Fuel Days Use	Commercial In-Service Month/Year	Expected Retirement Month/Year	Gen.Max. Nameplate KW	Net Capability 1/	
						Pri.	All.					Winter MW	Summer MW
Fort Myers		Lee County 35/43S/25E									2,895,210	2,759	2,415
	2		CC	NG	No	PL	No	Unknown	Jun-02	Unknown	1,775,390	1,610	1,441
	3A & B		CT	NG	FO2	PL	PL	Unknown	Jun-01	Unknown	375,700	380	326
	1-12		GT	FO2	No	PL	No	Unknown	May-74	Unknown	744,120	769	648
Manatee		Manatee County 18/33S/20E									1,726,600	1,605	1,591
	1		ST	FO6	NG	WA	PL	Unknown	Oct-76	Unknown	863,300	795	788
	2		ST	FO6	NG	WA	PL	Unknown	Dec-77	Unknown	863,300	810	803
St. Johns River Power Park 2/		Duval County 12/15/28E (RPC4)									271,836	242	232
	1		BIT	BIT	Pet Coke	RR	WA	Unknown	Mar-87	Unknown	135,918	130	127
	2		BIT	BIT	Pet Coke	RR	WA	Unknown	May-88	Unknown	135,918	112	105
Scherer 3/		Monroe, GA									680,368	642	639
	4		BIT	BIT	FO2	RR	PL	Unknown	Jul-89	Unknown	680,368	642	639
Total System as of December 31, 2004 =												20,158	18,940

1/ These ratings are peak capability.

2/ The net capability ratings represent Florida Power & Light Company's share of St. Johns River Park Unit No. 1 and No. 2, excluding Jacksonville Electric Authority (JEA) share of 80%.

3/ These ratings represent Florida Power & Light Company's share of Scherer Unit No. 4, adjusted for transmission losses.

DOCUMENT NUMBER - DATE

03658 APR 14 08

## Schedule 1

Existing Generating Facilities  
As of December 31, 2004

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Plant Name	Unit No.	Location	Unit Type	Fuel Pri.	Fuel Alt.	Fuel Transport		Fuel Days Use	Commercial In-Service Month/Year	Expected Retirement Month/Year	Gen. Max. Nameplate KW	Net Capability 1/	
						Pri.	All.					Winter MW	Summer MW
Fort Myers		Lee County 35/43S/25E									<u>2,895,210</u>	<u>2,759</u>	<u>2,415</u>
	2		CC	NG	No	PL	No	Unknown	Jun-02	Unknown	1,775,390	1,610	1,441
	3A & B		CT	NG	FO2	PL	PL	Unknown	Jun-01	Unknown	375,700	380	326
	1-12		GT	FO2	No	WA	No	Unknown	May-74	Unknown	744,120	769	648
Manatee		Manatee County 18/33S/20E									<u>1,726,600</u>	<u>1,605</u>	<u>1,591</u>
	1		ST	FO6	NG	WA	PL	Unknown	Oct-76	Unknown	863,300	795	788
	2		ST	FO6	NG	WA	PL	Unknown	Dec-77	Unknown	863,300	810	803
St. Johns River Power Park 2/		Duval County 12/15/28E (RPC4)									<u>271,836</u>	<u>242</u>	<u>232</u>
	1		BIT	et-Cel	BIT	WA	RR	Unknown	Mar-87	Unknown	135,918	130	127
	2		BIT	et-Cel	BIT	WA	RR	Unknown	May-88	Unknown	135,918	112	105
Scherer 3/		Monroe, GA									<u>680,368</u>	<u>642</u>	<u>639</u>
	4		BIT	BIT	FO2	RR	PL	Unknown	Jul-89	Unknown	680,368	642	639
Total System as of December 31, 2004 =												<u>20,158</u>	<u>18,940</u>

1/ These ratings are peak capability.

2/ The net capability ratings represent Florida Power &amp; Light Company's share of St. Johns River Park Unit No. 1 and No. 2, excluding Jacksonville Electric Authority (JEA) share of 80%.

3/ These ratings represent Florida Power &amp; Light Company's share of Scherer Unit No. 4, adjusted for transmission losses.

**Schedule 6.1  
Energy Sources**

Energy Sources	Units	Actual 1/		Forecasted									
		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
(1) Annual Energy Interchange 2/	GWH	10,387	10,258	10,855	11,403	10,902	11,437	10,946	10,065	8,633	8,932	8,544	8,635
(2) Nuclear	GWH	23,524	23,013	21,935	22,804	22,008	23,279	22,884	22,809	23,212	22,950	22,810	23,212
(3) Coal	GWH	6,625	6,315	6,676	6,569	6,700	6,688	6,892	6,536	6,891	10,469	17,486	20,117
(4) Residual(FO6) -Total	GWH	20,305	19,709	20,445	18,922	15,220	14,939	14,895	13,782	14,816	14,263	13,228	14,699
(5) Steam	GWH	20,305	19,709	20,445	18,922	15,220	14,939	14,895	13,782	14,816	14,263	13,228	14,699
(6) Distillate(FO2) -Total	GWH	248	200	75	170	168	161	202	274	275	392	402	402
(7) Steam	GWH	0	0	0	0	0	0	0	0	0	0	0	0
(8) CC	GWH	21	57	67	124	144	133	178	160	169	154	125	132
(9) CT	GWH	226	143	8	46	25	28	24	114	107	238	277	271
(10) Natural Gas -Total	GWH	37,707	40,970	43,097	48,145	56,914	59,024	63,847	71,258	74,836	74,342	71,980	70,627
(11) Steam	GWH	4,905	4,918	1,408	2,103	2,034	2,054	2,043	1,774	1,935	1,864	1,836	1,954
(12) CC	GWH	31,718	35,490	41,251	45,711	54,686	56,915	61,725	69,441	72,845	72,385	70,036	68,539
(13) CT	GWH	1,084	562	438	331	194	56	80	42	57	93	108	134
(14) Other 3/	GWH	9,597	7,625	8,536	7,257	7,269	7,534	7,350	5,639	4,275	4,183	3,997	3,892
Net Energy For Load 4/	GWH	108,393	108,091	111,619	115,270	119,181	123,062	127,016	130,362	132,938	135,531	138,448	141,584

1/ Source: A Schedules

2/ The projected figures are based on estimated energy purchases from SJRPP and the Southern Companies.

3/ Represents a forecast of energy expected to be purchased from Qualifying Facilities, Independent Power Producers, net of Economy and other Power Sales.

4/ Net Energy For Load is also shown in Column 8 on Schedule 3.3.

**Schedule 6.1  
Energy Sources**

<b>Energy Sources</b>	<b>Units</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
(1) Annual Energy Interchange 2/	GWH	10,387	10,258	10,855	11,403	10,902	11,437	10,946	10,065	8,633	8,932	8,544	8,635
(2) Nuclear	GWH	23,524	23,013	21,935	22,804	22,008	23,279	22,884	22,809	23,212	22,950	22,810	23,212
(3) Coal	GWH	6,625	6,315	6,676	6,569	6,700	6,688	6,892	6,536	6,891	10,469	17,486	20,117
(4) Residual(FOs) -Total	GWH	20,305	19,709	20,445	18,922	15,220	14,939	14,895	13,782	14,816	14,263	13,228	14,699
(5) Steam	GWH	20,305	19,709	20,445	18,922	15,220	14,939	14,895	13,782	14,816	14,263	13,228	14,699
(6) Distillate(FO2) -Total	GWH	248	200	75	170	168	161	202	274	275	392	402	402
(7) Steam	GWH	0	0	0	0	0	0	0	0	0	0	0	0
(8) CC	GWH	21	57	67	124	144	133	178	160	169	154	125	132
(9) CT	GWH	226	143	8	46	25	28	24	114	107	238	277	271
(10) Natural Gas -Total	GWH	37,707	40,970	43,097	48,145	56,914	59,024	63,847	71,258	74,836	74,342	71,980	70,627
(11) Steam	GWH	4,905	4,918	1,408	2,103	2,034	2,054	2,043	1,774	1,935	1,864	1,836	1,954
(12) CC	GWH	31,718	35,490	41,251	45,711	54,686	56,915	61,725	69,441	72,845	72,385	70,036	68,539
(13) CT	GWH	1,084	562	438	331	194	56	80	42	57	93	108	134
(14) Other 3/	GWH	9,597	7,625	8,478	7,211	7,229	7,490	7,304	5,590	4,226	4,131	3,946	3,837
Net Energy For Load 4/	GWH	108,393					123,018	126,670	130,313	132,889	135,479	138,396	141,529

1/ Source: A Schedules

2/ The projected figures are based on estimated energy purchases from SJRPP and the Southern Companies.

3/ Represents a forecast of energy expected to be purchased from Qualifying Facilities, Independent Power Producers, net of Economy and other Power Sales

4/ Net Energy For Load is also shown in Column 6 on Schedule 3.3.

**Schedule 8  
Planned And Prospective Generating Facility Additions And Changes**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Plant Name	Unit No.	Location	Unit Type	Fuel		Transport		Const. Start Mo./Yr.	Comm. In-Service Mo./Yr.	Expected Retirement Mo./Yr.	Gen. Max. Nameplate KW	Net Capability		Status
				Pri.	Alt.	Pri.	Alt.					Winter MW	Summer MW	
<b><u>ADDITIONS/ CHANGES</u></b>														
<b><u>2009</u></b>														
West County Combined Cycle	1	Palm Beach County	CC	NG	FO2	PL	PL	Jan-07	Jun-09	Unknown	Unknown	---	1,107	P
<b>2008 Changes/Additions Total:</b>												<b>0</b>	<b>1,107</b>	
<b><u>2010</u></b>														
West County Combined Cycle	1	Palm Beach County	CC	NG	FO2	PL	PL	Jan-07	Jun-09	Unknown	Unknown	1,181	---	P
West County Combined Cycle	2	Palm Beach County	CC	NG	FO2	PL	PL	Jan-08	Jun-10	Unknown	Unknown	---	1,107	P
<b>2010 Changes/Additions Total:</b>												<b>1,181</b>	<b>1,107</b>	
<b><u>2011</u></b>														
West County Combined Cycle	2	Palm Beach County	CC	NG	FO2	PL	PL	Jan-08	Jun-10	Unknown	Unknown	1,181	---	P
<b>2011 Changes/Additions Total:</b>												<b>1,181</b>	<b>0</b>	
<b><u>2012</u></b>														
Unsitd Clean Coal Unit	1	Unknown	BIT	BIT	Pet Coke	RR	RR	Jan-10	Jun-12	Unknown	Unknown	---	850	P
<b>2012 Changes/Additions Total:</b>												<b>0</b>	<b>850</b>	
<b><u>2013</u></b>														
Unsitd Clean Coal Unit	1	Unknown	BIT	BIT	Pet Coke	RR	RR	Jan-10	Jun-12	Unknown	Unknown	855	---	P
Unsitd Clean Coal Unit	2	Unknown	BIT	BIT	Pet Coke	RR	RR	Jan-11	Jun-13	Unknown	Unknown	---	850	P
<b>2013 Changes/Additions Total:</b>												<b>855</b>	<b>850</b>	
<b><u>2014</u></b>														
Unsitd Clean Coal Unit	2	Unknown	BIT	BIT	Pet Coke	RR	RR	Jan-11	Jun-13	Unknown	Unknown	855	---	P
<b>2013 Changes/Additions Total:</b>												<b>855</b>	<b>0</b>	

Note 1: The Winter Total MW value consists of all generation additions and changes achieved by January. The Summer Total MW value consists of all generation additions and changes achieved by June. All other MW will be picked up in the following year.

Note 2: Capacity additions/changes shown for 2004 reflect changes/additions from values shown in Schedule 1.

**Schedule 8  
Planned And Prospective Generating Facility Additions And Changes**

(1) Plant Name	(2) Unit No	(3) Location	(4) Unit Type	(5)-(8) Fuel				(9) Const. Start Mo./Yr.	(10) Comm. In-Service Mo./Yr.	(11) Expected Retirement Mo./Yr.	(12) Gen. Max. Nameplate KW	(13)-(14) Net Capability		(15) Status
				Fuel		Transport						Winter MW	Summer MW	
				Pri.	Alt.	Pri.	Alt.							
<b>2009</b>														
West County Combined Cycle	1	Palm Beach County 29/43S/40E	CC	NG	FO2	PL	PL	Jan-07	Jun-09	Unknown	Unknown	---	1,107	P
												<b>2008 Changes/Additions Total:</b>		
												0	1,107	
<b>2010</b>														
West County Combined Cycle	1	Palm Beach County 29/43S/40E	CC	NG	FO2	PL	PL	Jan-07	Jun-09	Unknown	Unknown	1,181		P
West County Combined Cycle	2	Palm Beach County 29/43S/40E	CC	NG	FO2	PL	PL	Jan-08	Jun-10	Unknown	Unknown		1,107	P
												<b>2010 Changes/Additions Total:</b>		
												1,181	1,107	
<b>2011</b>														
West County Combined Cycle	2	Palm Beach County 29/43S/40E	CC	NG	FO2	PL	PL	Jan-08	Jun-10	Unknown	Unknown	1,181		P
												<b>2011 Changes/Additions Total:</b>		
												1,181	0	
<b>2012</b>														
Unsited Clean Coal Unit	1	Unknown	CC	NG	FO2	PL	PL	Jan-10	Jun-12	Unknown	Unknown	---	850	P
												<b>2012 Changes/Additions Total:</b>		
												0	850	
<b>2013</b>														
Unsited Clean Coal Unit	1	Unknown	CC	NG	FO2	PL	PL	Jan-10	Jun-12	Unknown	Unknown	855		P
Unsited Clean Coal Unit	2	Unknown	CC	NG	FO2	PL	PL	Jan-11	Jun-13	Unknown	Unknown	---	850	P
												<b>2013 Changes/Additions Total:</b>		
												855	850	
Unsited Clean Coal Unit	2	Unknown	CC	NG	FO2	PL	PL	Jan-11	Jun-13	Unknown	Unknown	855	--	P
												<b>2013 Changes/Additions Total:</b>		
												855	0	

Note 1 The Winter Total MW value consists of all generation additions and changes achieved by January. The Summer Total MW value consists of all generation additions and changes achieved by June. All other MW will be picked up in the following year.

Note 2 Capacity additions/changes shown for 2004 reflect changes/additions from values shown in Schedule 1