



P.O. Box 029100, Miami, FL 33102-9100

RECEIVED-PPSC

30 MAY 13 AM 9:32

RECORDS AND REPORTING

May 11, 1999

Ms. Blanca S. Bayo  
Florida Public Service Commission  
Director, Division of Records and Reporting  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399-0850

Re: Ten Year Site Plan Filing

Dear Ms. Bayo:

Enclosed for filing please find the original and twenty-five copies of some revised pages to Florida Power & Light Company's Ten Year Power Plant Site Plan, originally filed on April 1, 1999. In the course of reviewing our Ten Year Site Plan, several minor errors were noted. These revised pages correct those errors. The revised pages do not reflect the change in FPL's re-powering of Sanford Units 4 and 5. Those changes will be forthcoming. We regret any inconvenience that may result from these revisions.

If you have any questions, please do not hesitate to contact me at (305) 552-3643 or, Starr Adams at (305) 552-3448.

Sincerely,

Samuel S. Waters  
Director, Regulatory Affairs

- AFA \_\_\_\_\_
  - APP \_\_\_\_\_
  - CAF \_\_\_\_\_
  - CMU \_\_\_\_\_
  - CTR \_\_\_\_\_
  - EAG \_\_\_\_\_
  - LEG \_\_\_\_\_
  - MAS \_\_\_\_\_
  - OPC \_\_\_\_\_
  - RRR \_\_\_\_\_
  - SEC \_\_\_\_\_
  - WAW \_\_\_\_\_
  - OTH \_\_\_\_\_
- SSW/SJA:sp  
Enclosure  
copy: Bob Elias, Esq.  
*Copies to [unclear]*

RECEIVED & FILED

PPSC-BUREAU OF RECORDS

DOCUMENT NUMBER-DATE

06074 MAY 13 99

**Projected Capacity Changes and Reserve Margins for FPL <sup>(1)</sup>**

<b>Year</b>	<b>Net Capacity Changes (MW)</b>		<b>FPL Reserve Margin</b>	
	<b>Summer <sup>(2)</sup></b>	<b>Winter <sup>(3)</sup></b>	<b>Summer</b>	<b>Winter</b>
1999 Changes to existing plants	239	80	16%	20%
2000 Changes to existing plants	75	75	15%	19%
2001 Changes to existing plants	20	23	16%	18%
Changes to existing purchases	(9)	---		
Ft. Myers Repowering:Initial Phase <sup>(4)</sup>	201	182		
2002 Ft. Myers Repowering:Second Phase	725	920	20%	22%
Changes to existing plants	---	30		
Changes to existing purchases	---	(9)		
Sanford Repowering:Initial Phase <sup>(4),(5)</sup>	202	182		
2003 Sanford Repowering:Second Phase <sup>(5)</sup>	725	919	23%	25%
2004 Changes to existing purchases	(10)	(10)	21%	22%
2005 Changes to existing purchases	---	---	19%	20%
2006 Martin Combined Cycle No.5	419	448	19%	19%
Changes to existing purchases	(133)	(133)		
2007 Martin Combined Cycle No.6	419	448	19%	20%
2008 Unsited Combined Cycle	419	448	20%	20%
<b>TOTALS=</b>	<b>3,292</b>	<b>3,603</b>		

**Note:**

(1) Additional information about these capacity changes and resulting reserve margins is found in Chapter III of this document.

(2) Summer values are values for August of year shown.

(3) Winter values are values for January of year shown.

(4) The initial phase of the repowering projects consists of the introduction of combustion turbines followed by taking existing steam units out-of-service. The second phase of repowering consists of completing the integration of the combustion turbines, heat recovery steam generators, and existing steam turbines.

(5)The values shown above reflect FPL's 1998 IRP which identified that Sanford units #3 and #4 would be repowered. At the time of publication of this document, subsequent to FPL's 1998 IRP, FPL is reexamining its Sanford repowering plan. This reexamination is based on newly developed technical information which focuses on whether it would be more advantageous to repower units #4 and #5 rather than units #3 and #4. Such a change in the Sanford repowering plan would add approximately 240 MW summer capability from the Sanford site beyond what would be gained from repowering units #3 and #4. If such a change is made to the Sanford repowering plan during 1999, it will be communicated to the appropriate state agencies and reflected in FPL's 2000 Site Plan filing.

**Table ES.1**

**I.D. Purchased Power**

Purchased power remains an important part of FPL's resource mix. FPL has a contract to purchase 921 MW of coal-fired generation from the Southern Company up to the year 2010. In addition, FPL has contracts with the Jacksonville Electric Authority (JEA) for the purchase of 388 MW of coal-fired generation from the St. John's Power Park Unit Nos. 1 and 2. Table I.D.1 presents the Summer and Winter MW resulting from these purchased power contacts.

<i>FPL's Purchased Power MW<sup>(1)</sup></i>						
	<i>UPS</i>		<i>SJFP</i>		<i>Total</i>	
	<i>Winter</i>	<i>Summer</i>	<i>Winter</i>	<i>Summer</i>	<i>Winter</i>	<i>Summer</i>
1998 <sup>(2)</sup>	914	914	388	388	1302	1302
1999	921	921	388	388	1309	1309
2000	921	921	388	388	1309	1309
2001	921	921	388	388	1309	1309
2002	921	921	388	388	1309	1309
2003	921	921	388	388	1309	1309
2004	921	921	388	388	1309	1309
2005	921	921	388	388	1309	1309
2006	921	921	388	388	1309	1309
2007	921	921	388	388	1309	1309
2008	921	921	388	388	1309	1309
2009	921	921	388	388	1309	1309
2010	921	921	388	388	1309	1309

**Note**  
 (1) Total reflects total resource entitlements resulting from agreements between FPL, Southern Companies, and JEA.  
 (2) Values for 1998 are actual

**Table I.D.1**

**Schedule 2.1  
History and Forecast of Energy Consumption  
And Number of Customers by Customer Class**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Rural & Residential					Commercial			
<u>Year</u>	<u>Population**</u>	<u>Members per Household</u>	<u>GWH</u>	<u>Average*** No. of Customers</u>	<u>Average KWH Consumption Per Customer</u>	<u>GWH</u>	<u>Average*** No. of Customers</u>	<u>Average KWH Consumption Per Customer</u>
1989	5,949,893	2.19	32,308	2,715,989	11,895	25,688	327,277	78,490
1990	6,088,140	2.17	33,488	2,801,209	11,955	26,543	337,133	78,732
1991	6,211,996	2.17	34,617	2,863,198	12,090	27,232	343,834	79,200
1992	6,314,005	2.17	34,198	2,911,807	11,745	26,991	350,269	77,058
1993	6,380,715	2.14	36,360	2,975,479	12,220	28,508	358,679	79,481
1994	6,516,879	2.15	38,716	3,037,629	12,745	29,946	366,409	81,729
1995	6,639,165	2.14	40,556	3,097,192	13,094	30,719	374,005	82,135
1996	6,754,084	2.14	41,302	3,152,625	13,101	31,211	380,860	81,949
1997	6,884,909	2.15	41,849	3,209,298	13,040	32,942	388,906	84,703
1998	7,014,152	2.15	45,482	3,266,011	13,926	34,618	396,749	87,255
1999	7,130,919	2.14	44,426	3,335,733	13,318	34,075	406,688	83,787
2000	7,248,828	2.13	45,431	3,398,802	13,367	34,897	415,490	83,990
2001	7,369,760	2.13	46,408	3,462,962	13,401	35,720	424,500	84,146
2002	7,487,812	2.12	47,393	3,525,089	13,444	36,554	433,218	84,378
2003	7,602,985	2.12	48,379	3,585,232	13,494	37,340	441,728	84,532
2004	7,715,279	2.12	49,357	3,643,479	13,547	38,132	449,946	84,748
2005	7,824,693	2.11	50,310	3,700,888	13,594	38,889	457,985	84,913
2006	7,931,163	2.11	51,266	3,757,466	13,644	39,661	465,845	85,138
2007	8,037,633	2.11	52,202	3,813,758	13,688	40,452	473,808	85,376
2008	8,145,725	2.10	53,155	3,870,300	13,734	41,255	481,829	85,622

\* Forecasted values for these years reflect the Most Likely of three economic scenarios and are to be used only where singular forecast is required.

\*\* Population represents only the area served by FPL.

\*\*\* Average No. of Customers is the annual average of the twelve month values.

**Schedule 2.2**  
**History and Forecast of Energy Consumption**  
**And Number of Customers by Customer Class**

(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Year	GWH	Industrial		Railroads & Railways	Street & Highway Lighting	Other Sales to Public Authorities	Total*** Sales to Ultimate Consumers
		Average** No. of Customers	Average KWH Consumption Per Customer	GWH	GWH	GWH	GWH
1989	4,210	17,640	238,662	80	323	692	63,301
1990	4,065	16,657	244,044	82	331	712	65,221
1991	4,090	15,348	266,493	81	345	733	67,098
1992	4,054	14,788	274,135	77	353	721	66,393
1993	3,889	14,866	261,602	79	330	665	69,830
1994	3,845	15,588	246,658	85	353	664	73,608
1995	3,883	15,140	256,481	84	358	648	76,248
1996	3,792	14,783	256,515	83	368	568	77,324
1997	3,894	14,761	263,830	85	383	702	79,855
1998	3,951	15,126	261,233	81	373	625	85,131
1999	3,884	14,992	259,066	88	385	603	83,461
2000	3,869	14,987	258,153	89	392	600	85,278
2001	3,870	15,020	257,656	90	398	599	87,085
2002	3,873	15,058	257,198	90	405	599	88,914
2003	3,855	14,978	257,384	90	411	595	90,670
2004	3,832	14,879	257,543	90	418	592	92,421
2005	3,815	14,795	257,856	90	424	589	94,117
2006	3,791	14,683	258,190	90	431	585	95,824
2007	3,792	14,667	258,533	90	437	584	97,557
2008	3,792	14,653	258,791	90	444	584	99,320

\*These Forecasted values reflect the Most Likely of three economic scenarios and are to be used only where a singular forecast is required.

\*\*Average No. of Customers is the annual average of the twelve month values.

\*\*\*GWH=Column 4 + Column 7 + Column 10 + Column 13 + Column 14 + Column 15.

**Schedule 2.3**  
**History and Forecast of Energy Consumption**  
**And Number of Customers by Customer Class**

(1)	(17)	(18)	(19)	(20)	(21)
<u>Year</u>	<u>Sales for Resale GWH</u>	<u>Utility Use &amp; Losses GWH</u>	<u>Net*** Energy For Load GWH</u>	<u>Average ** No. of Other Customers</u>	<u>Total Average**** Number of Customers</u>
1989	854	5,801	69,956	3,530	3,064,436
1990	882	4,926	71,029	3,819	3,158,817
1991	716	5,346	73,160	4,076	3,226,455
1992	702	6,002	73,097	4,374	3,281,238
1993	958	4,988	75,776	3,086	3,352,110
1994	1,400	5,367	80,376	2,560	3,422,187
1995	1,437	6,276	83,961	2,460	3,488,796
1996	1,353	5,984	84,661	2,480	3,550,748
1997	1,228	5,770	86,853	2,520	3,615,485
1998	1,326	6,205	92,662	2,584	3,680,470
1999	*	1,030	6,370	2,609	3,760,022
2000	*	1,048	6,507	2,648	3,831,927
2001	*	1,070	6,644	2,688	3,905,170
2002	*	1,092	6,783	2,730	3,976,095
2003	*	1,116	6,918	2,768	4,044,706
2004	*	1,138	7,051	2,806	4,111,110
2005	*	1,160	7,182	2,843	4,176,511
2006	*	1,182	7,311	2,881	4,240,875
2007	*	1,204	7,444	2,918	4,305,151
2008	*	1,225	7,577	2,953	4,369,735

\* Forecasted values reflect the Most Likely of the three scenarios and are to be used only where a singular forecast is required.

\*\* Average Number of Customers is the annual average of the twelve month values.

\*\*\* GWH = Column 16 + Column 17 + Column 18

\*\*\*\* Total = Column 5 + Column 8 + Column 11 + Column 20

**Schedule 4**  
**Previous Year Actual and Two-Year Forecast of Retail Peak Demand and Net Energy for Load by Month**

(1) Month	(2) 1998 ACTUAL		(4) 1999 * FORECAST		(6) 2000 * FORECAST	
	Total	NEL	Total	NEL	Total	NEL
	Peak Demand MW	GWH	Peak Demand MW	GWH	Peak Demand MW	GWH
JAN	11,360	6,339	17,777	6,874	18,191	7,023
FEB	11,956	5,850	15,925	6,223	16,298	6,358
MAR	11,777	6,392	13,710	6,699	14,020	6,844
APR	12,788	6,977	13,552	6,868	13,779	7,017
MAY	14,422	7,812	14,834	7,385	15,085	7,545
JUN	16,729	9,649	16,346	8,578	16,627	8,764
JUL	16,383	9,087	16,989	8,809	17,281	9,000
AUG	16,274	9,572	17,371	9,216	17,670	9,416
SEP	16,005	8,966	16,895	8,947	17,185	9,141
OCT	14,942	8,212	15,766	7,588	16,032	7,753
NOV	12,740	7,137	14,537	6,976	14,867	7,127
DEC	11,561	6,670	14,862	6,698	15,202	6,843
TOTALS		92,663		90,861		92,833

\* Forecasted Peaks & NEL do not include the impacts of cumulative load management and incremental conservation.

**Schedule 5**  
**Fuel Requirements 1/**

	Fuel Requirements	Units	Actual 2/		Forecasted									
			1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
(1)	Nuclear	Trillion BTU	242	266	257	252	250	257	252	251	257	252	250	257
(2)	Coal	1,000 TON	767	3,241	3,575	3,870	3,598	3,531	3,792	3,511	3,498	3,708	3,332	3,490
(3)		Trillion BTU 3/	48	4/										
(4)	Residual(FO6)- TOTAL	1,000 BBL	24,876	40,586	41,423	38,179	31,777	24,982	16,207	18,494	16,718	15,512	13,286	10,240
(5)	Steam	1,000 BBL	24,876	40,586	41,423	38,179	31,777	24,982	16,207	18,494	16,718	15,512	13,286	10,240
(6)	Distillate(FO2)- TOTAL	1,000 BBL	59	380	162	178	497	38	15	38	55	48	138	26
(7)	CC	1,000 BBL	0	30	0	0	0	0	0	0	0	0	9	0
(8)	CT	1,000 BBL	44	337	162	178	497	38	15	38	55	48	129	26
(9)	Steam	1,000 BBL	15	13	0	0	0	0	0	0	0	0	0	0
(10)	Natural Gas -TOTAL	1,000 MCF	216,130	195,269	123,403	155,875	218,058	249,138	306,657	312,352	326,056	354,482	387,288	405,928
(11)	Steam	1,000 MCF	95,061	67,044	1,909	16,928	69,396	36,168	35,689	36,154	57,401	84,925	122,456	146,491
(12)	CC	1,000 MCF	118,874	119,516	117,929	135,241	138,529	209,930	269,967	274,487	266,856	267,951	262,288	258,361
(13)	CT	1,000 MCF	2,195	8,709	3,565	3,706	10,133	3,040	1,001	1,711	1,799	1,606	2,544	1,076

1/ Reflects fuel requirements for FPL only.

2/ Source: A Schedules.

3/ Scherer coal is reported in terms of BTU's only, not in tons.

4/ As per the FRCC's requirements, we must convert and report Scherer's BTU's as tons.



**Schedule 6.1**  
**Energy Sources**

Energy Sources	Units	Actual 1/		Forecasted									
		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Annual Energy Interchange 2/	GWH	10,181	6,850	10,408	10,854	11,690	11,054	9,942	10,145	10,280	9,934	9,850	9,986
Nuclear	GWH	22,000	24,305	23,481	23,081	22,909	23,465	23,022	22,976	23,465	23,022	22,910	23,534
Coal	GWH	6,903	6,434	6,786	7,286	6,790	6,709	7,155	6,642	6,658	7,010	6,338	6,639
Residual(FO6) -Total	GWH	15,495	25,142	27,102	25,007	20,751	16,247	10,533	12,008	10,850	10,081	8,595	6,620
Steam	GWH	15,495	25,142	27,102	25,007	20,751	16,247	10,533	12,008	10,850	10,081	8,595	6,620
Distillate(FO2) -Total	GWH	16	149	47	52	151	12	5	12	17	15	48	8
CC	GWH	0	22	0	0	0	0	0	0	0	0	7	0
CT	GWH	16	127	47	52	151	12	5	12	17	15	41	8
Steam	GWH	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas -Total	GWH	25,492	23,778	15,828	19,268	25,082	32,319	41,518	42,129	44,451	48,578	52,810	55,823
Steam	GWH	9,382	7,032	88	1,470	6,498	3,347	3,326	3,355	6,739	10,716	15,572	19,242
CC	GWH	15,982	16,216	15,563	17,612	17,922	28,772	38,139	38,685	37,618	37,778	37,103	36,524
CT	GWH	128	530	177	186	662	200	53	89	94	84	135	57
Other 3/	GWH	6,765	6,005	7,209	7,285	7,426	6,983	6,529	6,698	6,738	5,677	5,654	5,512
Net Energy For Load 4/	GWH	86,852	92,663	90,861	92,833	94,799	96,789	98,704	100,610	102,459	104,317	106,205	108,122

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, etc.

4/ Net Energy For Load is Column 2 on Schedule 3.3 and Column 1 on EIA411 Form 11C.

**Schedule 7.1  
Forecast of Capacity, Demand, and Scheduled  
Maintenance At Time Of Summer Peak**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Year	Total Installed 1/ Capacity MW	Firm Capacity Import MW	Firm Capacity Export MW	Firm QF MW	Total Capacity Available 2/ MW	Total Peak 3/ Demand MW	DSM 4/ MW	Firm	Reserve Margin Before Maintenance 5/ MW	% of Peak	Scheduled Maintenance MW	Reserve Margin After Maintenance 6/ MW	% of Peak
								Summer Peak Demand MW					
1999	16,531	1,265	0	886	18,682	17,371	1,277	16,094	2,588	16.1	0	2,588	16.1
2000	16,606	1,265	0	886	18,757	17,670	1,412	16,258	2,499	15.4	0	2,499	15.4
2001	16,827	1,265	0	886	18,978	17,865	1,516	16,349	2,629	16.1	0	2,629	16.1
2002	17,754	1,265	0	877	19,896	18,129	1,595	16,534	3,362	20.3	0	3,362	20.3
2003	18,479	1,265	0	877	20,621	18,469	1,672	16,797	3,824	22.8	0	3,824	22.8
2004	18,479	1,265	0	877	20,621	18,818	1,750	17,068	3,553	20.8	0	3,553	20.8
2005	18,479	1,265	0	867	20,611	19,170	1,829	17,341	3,270	18.9	0	3,270	18.9
2006	18,898	1,265	0	734	20,897	19,532	1,908	17,624	3,273	18.6	0	3,273	18.6
2007	19,317	1,265	0	734	21,316	19,901	1,985	17,916	3,400	19.0	0	3,400	19.0
2008	19,736	1,265	0	734	21,735	20,245	2,063	18,182	3,553	19.5	0	3,553	19.5

1/ Capacity additions and changes projected to be in-service by June 1st are considered to be available to meet Summer peak loads which are forecasted to occur during August of the year indicated. All values are Summer net MW.

2/ Total Capacity Available=Col.(2)+Col.(3)-Col.(4)+Col.(5).

3/ These forecasted values reflect the Most Likely forecast without DSM.

4/ The MW shown represent cumulative load management capability plus incremental conservation from 1/97 - on. They are not included in total additional resources but reduce the peak load upon which Reserve Margin calculations are based.

5/ Margin (%) Before Maintenance = Col.(10)/Col.(9)

6/ Margin (%) After Maintenance =Col.(13) /Col.(9)

**Schedule 7.2  
Forecast of Capacity , Demand, and Scheduled  
Maintenance At Time of Winter Peak**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Year	Total Installed 1/ Capability MW	Firm Capacity Import MW	Firm Capacity Export MW	Firm QF MW	Total Capacity Available 2/ MW	Total Peak 3/ Demand MW	DSM 4/ MW	Firm Winter Peak MW	Reserve Margin Before Maintenance 5/ MW	% of Peak	Scheduled Maintenance MW	Reserve Margin After Maintenance 6/ MW	% of Peak
1998/99	17,244	1,265	0	886	19,395	17,777	1,657	16,120	3,275	20.3	0	3,275	20.3
1999/00	17,319	1,265	0	886	19,470	18,191	1,784	16,407	3,063	18.7	0	3,063	18.7
2000/01	17,524	1,265	0	886	19,675	18,615	1,901	16,714	2,961	17.7	0	2,961	17.7
2001/02	18,626	1,265	0	886	20,777	19,025	1,965	17,060	3,717	21.8	0	3,717	21.8
2002/04	19,545	1,265	0	877	21,687	19,426	2,012	17,414	4,273	24.5	0	4,273	24.5
2003/04	19,545	1,265	0	877	21,687	19,816	2,059	17,757	3,930	22.1	0	3,930	22.1
2004/05	19,545	1,265	0	867	21,677	20,204	2,107	18,097	3,580	19.8	0	3,580	19.8
2005/06	19,993	1,265	0	734	21,992	20,579	2,155	18,424	3,568	19.4	0	3,568	19.4
2006/07	20,441	1,265	0	734	22,440	20,953	2,200	18,753	3,687	19.7	0	3,687	19.7
2007/08	20,889	1,265	0	734	22,888	21,328	2,245	19,083	3,805	19.9	0	3,805	19.9

1/ Capacity additions and changes projected to be in-service by January 1st are considered to be available to meet Winter peak loads which are forecast to occur during January of the second year indicated. All values are Winter net MW.

2/ Total Capacity Available = Col.(2)+ Col.(3) - Col.(4)+Col.(5).

3/ These forecasted values reflect the Most Likely forecast without DSM.

4/ The MW shown represent cumulative load management capability plus incremental conservation. They are not included in total additional

5/ Margin (%) Before Maintenance = Col.(10)/Col.(9)

6/ Margin (%) After Maintenance = Col.(13) /Col.(9)

**Schedule 8  
Planned And Prospective Generating Facility Additions And Changes (Cont.)**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Plant Name	Unit No.	Location	Unit Type	Fuel		Fuel Transport		Const. Start Mo./Yr.	Commercial In-Service Mo./Yr.	Expected Retirement Mo./Yr.	Gen. Max. Nameplate KW	Net Capability		Status
				Pri.	Alt.	Pri.	Alt.					Summer MW	Winter MW	
<b><u>CHANGES/UPGRADES 1/</u></b>														
Port Everglades		City of Hollywood 23/50S/42E												
	2		ST	FO5	NG	WA	PL	Nov-98	Jan-99	Unknown	402,000	+1	+1	A
	3		ST	FO6	NG	WA	PL	Feb-99	May-99	Unknown	402,000	+14	+0	A
	3		ST	FO6	NG	WA	PL	Nov-99	Jan-00	Unknown	402,000	+0	+15	A
	4		ST	FO6	NG	WA	PL	Feb-99	Jun-99	Unknown	402,000	-2	+1	A
Port Everglades GT	1-12		GT	NG	FO2	PL	PL	Nov-98	Jan-99	Unknown	410,736	+18	+7	A
Martin		Martin County 29/29S/38E												
	3		CC	NG	FO2	PL	PL	Aug-99	Nov-99	Unknown	615,000	+40	-5	A
	4		CC	NG	FO2	PL	PL	Aug-99	Nov-99	Unknown	615,000	+32	-5	A
	3		CC	NG	FO2	PL	PL	Sep-00	Nov-00	Unknown	615,000	+10	+30	A
	4		CC	NG	FO2	PL	PL	Sep-00	Nov-00	Unknown	615,000	+23	+30	A
Cape Canaveral		Brevard County 19/24S/36F												
	1		ST	FO6	NG	WA	PL	Dec-98	Jan-99	Unknown	402,050	+10	+9	A
	2		ST	FO6	NG	WA	PL	Dec-99	Jan-00	Unknown	402,050	+3	+0	A
	2		ST	FO6	NG	WA	PL	Dec-00	Jan-01	Unknown	402,051	+0	+3	A
Lauderdale		Broward County 30/50S/42E												
	4		CC	NG	FO2	PL	PL	Oct-00	Jun-01	Unknown	521,250	+10	+10	A
	5		CC	NG	FO2	PL	PL	Oct-00	Jun-01	Unknown	521,250	+10	+10	A
	1-12		GT	NG	FO2	PL	PL	Oct-99	Dec-99	Unknown	410,736	+18	+7	A
	13-24		GT	NG	FO2	PL	PL	Oct-99	Dec-99	Unknown	410,736	+18	+7	A

1/ The ratings shown for all units represent the incremental changes in capacity. Some capacity enhancements/re-ratings require the installation of additional equipment (e.g., foggers).

2/ The dates provided in this column are estimates.

**Schedule 8  
Planned And Prospective Generating Facility Additions And Changes (Cont.)**

(1)	(2)	(3)	(4)	(5)		(6)		(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Plant Name	Unit No.	Location	Unit Type	Fuel		Fuel Transport		Const. Start Mo./Yr.	Commercial In-Service Mo./Yr.	Expected Retirement Mo./Yr.	Gen. Max. Nameplate KW	Net Capability		Status		
				Pri.	Alt.	Pri.	Alt.					Summer MW	Winter MW			
<b>CHANGES/UPGRADES 1/</b>									<b>3/</b>							
Ft. Myers		Lee County 35/43S/25E														
Repowering 2/				NG	No	PL	No	Dec-99	Jan-02	Unknown	960,000	+926	+1102		P	
Ft. Myers GT Enhancements	1-12		GT	FO2	No	WA	No	Apr-99	Jun-99	Unknown	744,000	+14	+10		A	
			GT	FO2	No	WA	No	Nov-99	Jan-00	Unknown	744,000	+39	+0		A	
Manatee		Manatee County 18/33S/20E														
	1		ST	FO6	No	WA	WA	Nov-98	Jan-99	Unknown	863,000	+21	+21		P	
	2		ST	FO6	No	WA	WA	Nov-98	Jan-99	Unknown	863,000	+27	+27		P	
Putnam		Putnam County 16/10S/27E														
	1		CC	NG	FO2	PL	WA	Apr-98	May-99	Unknown	290,000	+14	+0		A	
	2		CC	NG	FO2	PL	WA	Apr-98	May-99	Unknown	290,000	+14	+0		A	
Sanford		Volusia County 16/19S/30E														
Repowering 2/				NG	No	PL	No	Jun-01	Jan-03	Unknown	960,000	+927	+1101		P	

1/ The ratings shown for all units represent the incremental changes in capacity. Some capacity enhancements/re-ratings require the installation of additional equipment (e.g., foggers).

2/ Represents incremental capacity resulting from the conversion to combined cycle through expansion & repowering.

3/ The dates provided in this column are estimates.