Florida Power & Light Company, 215 S. Monroe Street, Suite 810, Tallahassee, FL 32301
Jessica Cano
Principal Attorney
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, FL 33408-0420
(561) 304-5226
(561) 691-7135 (Facsimile)

August 30, 2011

VIA HAND DELIVERY

Ms. Ann Cole
Division of the Commission Clerk and
Administrative Services
Florida Public Service Commission
Betty Easley Conference Center
2540 Shumard Oak Boulevard, Room 110
Tallahassee, FL 32399-0850

RE: Docket No. 110000-OT; Florida Power & Light Company's 2011 Ten Year Power Plant Site Plan

Dear Ms. Cole:

Enclosed for filing on behalf of Florida Power & Light Company ("FPL") are an original and 5 copies of FPL's response to Staff's Seventh Data Request dated August 4, 2011.

Please contact me should you or your staff have any questions regarding this filing.

Sincerely,

Jessica Cano

COM ____
APA ____
ECR 4
GCL 1
RAD ____
SRC ____
ADM ____
OPC ____
CLK ____

Enclosure
cc: Charles Murphy (w/ enc)

Q.

Since the 2011 Ten-Year Site Plans were submitted to the Commission, many changes have been made in planning assumptions. In particular, the following major modifications have occurred.

a. On May 25, 2011, FPL filed Document No. 03002-11, in Docket No. 110091-EU, Petition for Approval of Renewable Energy Tariff and Standard Offer Contract by Florida Power & Light Company. In this letter, FPL notified the Commission that an additional 350 MW of summer peak capacity (and an associated 550 MW of winter peak capacity) will be available due to changes in scheduled maintenance.

b. On July 18, 2011, FPL filed a petition in Docket No. 110228-EI, in which FPL made known its plans to modernize the Port Everglades plant.

c. On July 26, 2011, the Commission ruled on the DSM Plan submitted by FPL. This ruling will have an effect on FPL's system due to DSM savings.

As a result of these developments, many of the quantities in the required schedules included in the Ten-Year Site Plans have changed. Please revise the following tables based on the changes mentioned above, as well as any other pertinent information that may impact these figures.

Schedule 3.1	Schedule 6.2
Schedule 3.2	Schedule 7.1
Schedule 3.3	Schedule 7.2
Schedule 5	Schedule 8
Schedule 6.1	Schedule 9

A.

Please see attachments.

Schedule 3.1
History and Forecast of Summer Peak Demand (MW)
(Historical)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Year	Total	Wholesale	Retail	Interruptible	Res. Load Management	Residential Conservation	C/I Load Management	C/I Conservation	Net Firm Demand
2001	18,754	169	18,585	0	842	697	489	481	17,423
2002	19,219	261	18,958	0	879	754	489	517	17,851
2003	19,668	253	19,415	0	892	798	577	554	18,200
2004	20,545	258	20,287	0	894	846	588	577	19,063
2005	22,361	264	22,097	0	902	895	600	611	20,858
2006	21,819	256	21,563	0	928	948	635	640	20,256
2007	21,962	261	21,701	0	952	982	716	683	20,295
2008	21,060	181	20,879	0	966	1042	760	706	19,334
2009	22,351	249	22,102	0	981	1097	811	732	20,558
2010	22,256	419	21,837	0	992	1147	840	749	20,424

Historical Values (2001 - 2010):

Col. (2) - Col. (4) are actual values for historical Summer peaks. As such, they incorporate the effects of conservation (Col. 7 & Col. 9), and may incorporate the effects of load control if load control was operated on these peak days. Therefore, Col. (2) represents the actual Net Firm Demand.

Col. (5) - Col. (9) represent actual DSM capabilities starting from January 1988 and are annual (12-month) values except for 2010 values which are August values. Note that the values for FPL's former Interruptible Rate are incorporated into Col. (8), which also includes Business On Call (BOC), CILC, and Commercial/Industrial Demand Reduction (CDR). Historical Residential Load Management MWs reflect the effect of new Measurement and Verification kw/participant factors.

Col. (10) represents a HYPOTHETICAL "Net Firm Demand" as if the load control values had definitely been exercised on the peak. Col. (10) is derived by the formula: Col. (10) = Col.(2) - Col.(6) - Col.(8).

Schedule 3.1
History and Forecast of Summer Peak Demand (MW)
(Projected)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
August of Year	Total	Wholesale	Retail	Interruptible	Res. Load Management	Residential Conservation	C/I Load Management	C/I Conservation	Net Firm Demand
2011	21,679	383	21,295	0	1,001	94	854	31	19,698
2012	21,853	385	21,468	0	1,013	163	873	63	19,742
2013	22,155	343	21,812	0	1,024	224	891	95	19,921
2014	23,452	1,129	22,322	0	1,050	290	929	128	21,054
2015	24,172	1,136	23,037	0	1,061	358	948	162	21,643
2016	24,605	1,143	23,463	0	1,072	427	966	196	21,945
2017	25,025	1,150	23,875	0	1,084	495	984	229	22,233
2018	25,266	1,157	24,109	0	1,095	563	1,003	263	22,342
2019	25,690	1,165	24,526	0	1,106	632	1,021	297	22,635
2020	26,193	1,172	25,022	0	1,118	700	1,039	330	23,006

Projected Values (2011 - 2020):

Col. (2) - Col. (4) represent FPL's forecasted peak w/o incremental conservation, cumulative load management, or incremental load management.

Col. (5) - Col. (9) represent cumulative load management, and incremental conservation and load management. All values are projected August values. The 2011 values are based on IRP projections after the 2010 Summer peak and FPL's new DSM Goals for 2011. The projections for 2012 through 2020 are based on FPL's DSM Goals. Res. Load Management and C/I Load Management include MW values of load management capability from Lee County that can be initiated at FPL's request.

Col. (8) represents FPL's Business On Call, CDR, CILC, and Curtailable programs/rates.

Col. (10) represents a 'Net Firm Demand" which accounts for all of the incremental conservation and assumes all of the load control is implemented on the peak. Col. (10) is derived by using the formula: Col. (10) = Col. (2) - Col. (5) - Col. (6) - Col. (7) - Col. (8) - Col. (9).

Rev:08/29/2011

Schedule 3.2
History and Forecast of Winter Peak Demand:Base Case
(Historical)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Year	Total	Firm Wholesale	Retail	Interruptible	Res. Load Management	Residential Conservation	C/I Load Management	C/I Conservation	Net Firm Demand
2001	18,199	150	18,049	0	749	459	448	183	17,002
2002	17,597	145	17,452	0	768	500	457	196	16,373
2003	20,190	246	19,944	0	802	546	453	206	18,935
2004	14,752	211	14,541	0	813	567	534	227	13,405
2005	18,108	225	17,883	0	816	583	542	233	16,751
2006	19,683	225	19,458	0	823	600	550	240	18,311
2007	16,815	223	16,592	0	846	620	577	249	15,392
2008	18,055	163	17,892	0	868	644	636	279	16,551
2009	20,081	207	19,874	0	881	666	676	285	18,524
2010	24,346	500	23,846	0	905	687	747	291	22,694

Historical Values (2001 - 2010):

Col. (2) - Col. (4) are actual values for historical Winter peaks. As such, they incorporate the effects of conservation (Col. 7 & Col. 9), and may incorporate the effects of load control if load control was operated on these peak days. Therefore, Col. (2) represents the actual Net Firm Demand.

Col. (5) - Col. (9) for 2001 through 2010 represent actual DSM capabilities starting from January 1988 and are annual (12-month) values for December 31st of the prior year.

Note that the values for FPL's former Interruptible Rate are incorporated into Col. (8), which also includes Business On Call (BOC), CILC, and Commercial /Industrial Demand Reduction (CDR). Historical Residential Load Management MWs reflect the effect of new Measurement and Verification kw/participant factors.

Col. (10) represents a HYPOTHETICAL "Net Firm Demand" as if the load control values had definitely been exercised on the peak. Col. (10) is derived by the formula: Col. (10) = Col.(2) - Col.(6) - Col.(8).

Schedule 3.2
History and Forecast of Winter Peak Demand:Base Case
(Projected)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
January of Year	Total	Firm Wholesale	Retail	Interruptible	Res. Load Management	Residential Conservation	C/I Load Management	C/I Conservation	Net Firm Demand
2011	21,443	376	21,067	0	908	32	751	14	19,737
2012	21,491	378	21,113	0	918	75	764	37	19,897
2013	21,683	380	21,303	0	932	111	778	60	19,803
2014	22,584	1,015	21,569	0	966	149	811	83	20,574
2015	23,048	1,222	21,826	0	979	191	826	107	20,946
2016	23,302	1,229	22,073	0	991	234	840	131	21,106
2017	23,543	1,237	22,306	0	1,004	276	854	155	21,254
2018	23,794	1,245	22,550	0	1,016	319	869	179	21,412
2019	24,044	1,252	22,792	0	1,029	361	883	203	21,568
2020	24,305	1,260	23,045	0	1,042	403	897	227	21,736

Projected Values (2011 - 2020):

Col. (2) - Col.(4) represent FPL's forecasted peak w/o incremental conservation, cumulative load management, or incremental load management.

Col. (5) - Col. (9) represent cumulative load management, and incremental conservation and load management. All values are projected January values. The 2011 values are based on IRP projections after the 2010 Winter peak and FPL's new DSM Goals for 2011. The projections for 2012 through 2020 are based on FPL's DSM Goals. Res. Load Management and C/I Load Management include MW values of load management capability from Lee County that can be initiated at FPL's request.

Col. (8) represents FPL's Business On Call, CDR, CILC, and Curtailable programs/rates.

Col. (10) represents a 'Net Firm Demand" which accounts for all of the incremental conservation and assumes all of the load control is implemented on the peak. Col. (10) is derived by using the formula: Col. (10) = Col. (2) - Col. (5) - Col. (6) - Col. (7) - Col. (8) - Col. (9).

Rev:08/29/2011

Schedule 3.3
History of Annual Net Energy for Load (GWh)
(All values are "at the generator" values except for Col (8))
(Historical)

(1) Year	(2) Net Energy For Load without DSM GWh	(3) Residential Conservation GWh	(4) C/I Conservation GWh	(5) Actual Net Energy For Load GWh	(6) Sales for Resale GWh	(7) Utility Use & Losses GWh	(8) Total Billed Retail Energy Sales (GWh)	(9) Load Factor(%)
2001	101,364	1,554	1,405	98,404	970	7,222	90,212	59.9%
2002	107,380	1,682	1,499	104,199	1,233	7,443	95,523	61.9%
2003	111,784	1,773	1,619	108,393	1,511	7,386	99,496	62.9%
2004	111,659	1,872	1,693	108,093	1,531	7,467	99,095	59.9%
2005	115,065	1,970	1,793	111,301	1,506	7,498	102,296	56.8%
2006	117,116	2,078	1,901	113,137	1,569	7,909	103,659	59.2%
2007	118,518	2,138	2,066	114,315	1,499	7,401	105,415	59.4%
2008	115,379	2,249	2,126	111,004	993	7,092	102,919	60.0%
2009	115,844	2,345	2,196	111,303	1,155	7,394	102,755	56.8%
2010	119,119	2,487	2,259	114,373	2,049	7,768	109,302	61.1%

Historical Values (2001 - 2010):

Col. (2) represents derived "Total Net Energy For Load w/o DSM". The values are calculated using the formula: Col. (2) = Col. (3) + Col. (4) + Col. (5).

Col. (3) & Col. (4) are DSM values starting in January 1988 and are annual (12-month) values. The values represent the total GWh reductions experienced each year. The Residential Conservation & C/I conservation values omit savings values from years prior to 1988.

Col. (5) is the actual Net Energy for Load (NEL) for years 2001 - 2010.

Col. (8) is the Total Retail Billed Sales. The values are calculated using the formula: Col. (8) = Col. (5) - Col. (6) - Col. (7). These values are at the meter.

Col. (9) is calculated using Col. (5) from this page and Col. (2), "Total", from Schedule 3.1 using the formula: Col. (9) = ((Col. (5)*1000) / ((Col. (2) * 8760). Adjustments are made for leap years.

Schedule 3.3
History of Annual Net Energy for Load (GWh)
(All values are "at the generator" values except for Col (8))
(Projected)

(1) Year	(2) Forecasted Net Energy For Load without DSM GWh	(3) Residential Conservation GWh	(4) C/I Conservation GWh	(5) Net Energy For Load Adjusted for DSM GWh	(6) Sales for Resale GWh	(7) Utility Use & Losses GWh	(8) Forecasted Total Billed Retail Energy Sales w/o DSM GWh	(9) Load Factor(%)
2011	111,175	80	42	111,053	2,142	6,776	102,257	58.5%
2012	112,517	208	112	112,197	2,142	7,292	103,063	58.6%
2013	114,647	304	168	114,176	2,047	7,445	105,155	59.1%
2014	121,035	403	226	120,406	4,935	8,014	108,085	58.9%
2015	123,610	504	286	122,820	5,566	8,006	110,038	58.4%
2016	125,593	605	346	124,642	5,599	8,106	111,888	58.1%
2017	127,251	706	406	126,139	5,625	8,208	113,418	58.0%
2018	128,910	807	466	127,637	5,672	8,310	114,928	58.2%
2019	130,679	908	525	129,245	5,717	8,443	116,518	58.1%
2020	133,121	1,009	585	131,526	5,770	8,601	118,749	58.0%

Projected Values (2011 - 2020):

Col. (2) represents Forecasted Net Energy for Load w/o DSM values. The values are extracted from Schedule 2.3, Col. (19).

Col. (3) & Col. (4) are forecasted values of the reduction on sales from incremental conservation and are mid-year (6-month) values reflecting DSM signups occurring evenly throughout each year. The effects of conservation implemented prior to 2011 are incorporated into the load forecast values in Col. (2).

Col. (5) is the forecasted Net Energy for Load (NEL) after adjusting for impacts DSM for years 2011 - 2020 using the formula:
Col. (5) = Col. (2) - Col. (3) - Col. (4).

Col. (8) is the Total Retail Billed Sales. The values are calculated using the formula: Col. (8) = Col. (2) - Col. (6) - Col. (7).
These values are at the meter.

Col. (9) is calculated using Col. (5) from this page and Col. (2), "Total", from Schedule 3.1. Col. (9) = ((Col. (2)*1000) / ((Col. (2) * 8760).
Adjustments are made for leap years.

Schedule 5
Fuel Requirements
(for FPL only)

Fuel Requirements	Units	Actual 1/ 2009	Actual 1/ 2010	Forecasted 2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
(1) Nuclear	Trillion BTU	250	250	240	215	286	303	286	307	307	294	306	308
(2) Coal	1,000 TON	3,577	3,191	3,295	3,165	3,950	3,637	3,957	3,849	3,949	3,442	3,597	3,279
(3) Residual (FO6) - Total	1,000 BBL	7,489	6,754	2,380	1,410	707	641	780	875	1,023	1,091	1,218	1,033
(4) Steam	1,000 BBL	7,489	6,754	2,380	1,410	707	641	780	875	1,023	1,091	1,218	1,033
(5) Distillate (FO2) - Total	1,000 BBL	47	522	130	2	4	0	13	89	70	175	181	19
(6) Steam	1,000 BBL	0	4	0	0	0	0	0	0	0	0	0	0
(7) CC	1,000 BBL	6	194	95	2	4	0	9	45	26	74	88	15
(8) CT	1,000 BBL	40	324	35	0	1	0	4	45	44	100	113	4
(9) Natural Gas - Total	1,000 MCF	481,426	504,996	539,369	553,218	502,954	527,522	536,226	555,588	571,043	611,690	611,670	627,116
(10) Steam	1,000 MCF	81,260	56,729	38,322	27,004	12,017	10,567	12,379	14,201	16,513	17,405	19,519	16,917
(11) CC	1,000 MCF	395,703	443,108	499,349	525,316	490,352	516,553	523,238	540,403	553,311	592,608	590,151	609,504
(12) CT	1,000 MCF	4,462	5,159	1,699	898	586	382	610	982	1,218	1,676	2,000	695

1/ Source: A Schedules.
Note: Solar contributions are provided on Schedules 6.1 and 6.2.

Schedule 6.1
Energy Sources

	Energy Sources	Units	Actual [1] 2009	Actual [1] 2010	Forecasted 2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
(1)	Annual Energy Interchange [2]	GWH	9,508	8,333	4,808	5,707	5,065	4,920	4,927	1,726	0	0	0	0
(2)	Nuclear	GWH	22,893	22,850	21,732	19,531	26,190	27,749	26,156	28,125	28,131	26,969	28,044	28,212
(3)	Coal	GWH	6,362	5,721	6,031	6,012	7,422	6,883	7,442	6,914	7,422	6,390	6,751	6,204
(4)	Residual(FO6) -Total	GWH	4,560	4,081	1,556	933	465	420	517	580	679	723	808	685
(5)	Steam	GWH	4,560	4,081	1,556	933	465	420	517	580	679	723	808	685
(6)	Distillate(FO2) -Total	GWH	21	279	93	1	3	0	8	49	33	90	88	13
(7)	Steam	GWH	3	2	0	0	0	0	0	0	0	0	0	0
(8)	CC	GWH	3	143	81	1	3	0	7	35	20	58	54	12
(9)	CT	GWH	15	134	12	0	0	0	1	14	13	32	34	2
(10)	Natural Gas -Total	GWH	62,728	66,771	74,734	77,571	71,818	76,136	77,806	81,046	83,378	89,328	89,216	92,008
(11)	Steam	GWH	8,705	5,041	3,732	2,661	1,176	1,032	1,223	1,400	1,630	1,717	1,926	1,667
(12)	CC	GWH	53,636	61,304	70,869	74,838	70,596	75,072	76,537	79,575	81,660	87,489	87,146	90,289
(13)	CT	GWH	387	426	133	73	46	32	47	72	88	122	144	52
(14)	Solar [3]	GWH	0	69	228	227	226	225	225	225	224	224	222	221
(15)	PV	GWH	0	69	73	73	72	71	71	71	70	70	69	69
(16)	Solar Thermal [4]	GWH	0	0	155	155	154	154	154	154	154	154	153	152
(17)	Other [5]	GWH	5,231	6,339	1,994	2,534	3,459	4,702	6,529	6,927	7,385	5,185	5,551	5,777
	Net Energy For Load [6]	GWH	111,304	114,373	111,175	112,517	114,647	121,035	123,610	125,593	127,251	128,909	130,679	133,121

1/ Source: A Schedules
2/ The projected figures are based on estimated energy purchases from SJRPP and the Southern Companies (UPS contract).
3/ Represents output from FPL's PV and solar thermal facilities.
4/ Estimated projected values. Solar thermal does not produce GWh, but produces steam that displaces fossil fuel-derived steam. Actual solar thermal contribution for 2010 was relatively small due to the fact that the facility did not begin commercial operation until late 2010. Its 2010 contribution to the Martin 8 CC GWh output is rolled into row (12) for reporting purposes. Its projected contributions for 2011 - 2020 are provided separately on row (16).
5/ Represents a forecast of energy expected to be purchased from Qualifying Facilities, Independent Power Producers, net of Economy and other Power Sales.
6/ Net Energy For Load values for the years 2011 - 2020 are also shown in Schedule 2.3.

Schedule 6.2
Energy Sources % by Fuel Type

	Energy Source	Units	Actual [1] 2009	Actual [1] 2010	Forecasted 2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
(1)	Annual Energy Interchange [2]	%	8.5	7.3	4.3	5.1	4.4	4.1	4.0	1.4	0.0	0.0	0.0	0.0
(2)	Nuclear	%	20.6	20.0	19.5	17.4	22.8	22.9	21.2	22.4	22.1	20.9	21.5	21.2
(3)	Coal	%	5.7	5.0	5.4	5.3	6.5	5.7	6.0	5.5	5.8	5.0	5.2	4.7
(4)	Residual (FO6) -Total	%	4.1	3.6	1.4	0.8	0.4	0.3	0.4	0.5	0.5	0.6	0.6	0.5
(5)	Steam	%	4.1	3.6	1.4	0.8	0.4	0.3	0.4	0.5	0.5	0.6	0.6	0.5
(6)	Distillate (FO2) -Total	%	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
(7)	Steam	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(8)	CC	%	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(9)	CT	%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(10)	Natural Gas -Total	%	56.4	58.4	67.2	68.9	62.6	62.9	62.9	64.5	65.5	69.3	68.3	69.1
(11)	Steam	%	7.8	4.4	3.4	2.4	1.0	0.9	1.0	1.1	1.3	1.3	1.5	1.3
(12)	CC	%	48.2	53.6	63.7	66.5	61.6	62.0	61.9	63.4	64.2	67.9	66.7	67.8
(13)	CT	%	0.3	0.4	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0
(14)	Solar [3]	%	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
(15)	PV	%	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
(16)	Solar Thermal [4]	%	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
(17)	Other [5]	%	4.7	5.5	1.8	2.3	3.0	3.9	5.3	5.5	5.8	4.0	4.2	4.3
			100	100	100	100	100	100	100	100	100	100	100	100

1/ Source: A Schedules
2/ The projected figures are based on estimated energy purchases from SJRPP and the Southern Companies (UPS contract).
3/ Represents output from FPL's PV and solar thermal facilities.
4/ Estimated projected values. Solar thermal does not produce GWh, but produces steam that displaces fossil fuel-derived steam. Actual solar thermal contribution for 2010 was relatively small due to the fact that the facility did not begin commercial operation until late 2010. Its 2010 contribution to the Martin 8 CC GWh output is rolled into row (12) for reporting purposes. Its projected contributions for 2011 - 2020 are provided separately on row (16).
5/ Represents a forecast of energy expected to be purchased from Qualifying Facilities, Independent Power Producers, net of Economy and other Power Sales.

Rev:08/29/2011

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)
August of Year	Firm Installed Capacity MW	Firm Capacity Import MW	Firm Capacity Export MW	Firm QF MW	Total Firm Capacity Available MW	Total Peak Demand MW	DSM MW	Firm Summer Peak Demand MW	Reserve Margin Before Maintenance MW	Reserve Margin Before Maintenance % of Peak	Scheduled Maintenance MW	Reserve Margin After Maintenance MW	Reserve Margin After Maintenance % of Peak
2011	22,474	1,461	0	595	24,530	21,679	1,980	19,699	4,831	24.5	0	4,831	24.5
2012	23,437	1,306	0	650	25,393	21,853	2,111	19,742	5,651	28.6	714	4,937	25.0
2013	24,164	1,306	0	650	26,120	22,155	2,234	19,921	6,199	31.1	826	5,373	27.0
2014	25,467	1,306	0	650	27,423	23,452	2,398	21,054	6,368	30.2	826	5,542	26.3
2015	25,507	1,306	0	740	27,553	24,172	2,529	21,643	5,910	27.3	0	5,910	27.3
2016	26,388	0	0	740	27,128	24,605	2,661	21,944	5,183	23.6	0	5,183	23.6
2017	26,388	0	0	740	27,128	25,025	2,792	22,233	4,895	22.0	0	4,895	22.0
2018	26,388	0	0	740	27,128	25,266	2,924	22,342	4,785	21.4	0	4,785	21.4
2019	26,388	0	0	740	27,128	25,690	3,056	22,634	4,493	19.9	0	4,493	19.9
2020	27,650	0	0	740	28,390	26,193	3,187	23,006	5,384	23.4	0	5,384	23.4

Col. (2) represents capacity additions and changes projected to be in-service by June 1st. These MWs are generally considered to be available to meet Summer peak loads which are forecasted to occur during August of the year indicated.
Col. (6) = Col.(2) + Col.(3) - Col.(4) + Col.(5).
Col. (7) reflects the 2011 load forecast without incremental DSM or cumulative load management.
Col. (8) represents cumulative load management capability, plus incremental conservation, from 1/2011-on intended for use with the 2011 load forecast.
Col. (10) = Col. (6) - Col. (9)
Col. (11) = Col.(10) / Col.(9)
Col. (12) indicates the capacity of units projected to be out-of-service for planned maintenance during the Summer peak period. This value is comprised of:
(i) 714 MW (at St. Lucie 2) of nuclear capacity that will be out-of-service during part of Summer in 2012 due to an extended planned outage as part of the capacity uprates project; and
(ii) an additional 826 MW of fossil-fueled capacity that will be out-of-service in the Summer of 2013 (at Martin 1) and in the Summer of 2014 (at Martin 2) due to the installation of electrostatic precipitators.
Col. (13) = Col. (10) - Col. (12).
Col. (14) = 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)
January of Year	Firm Installed *Capability* MW	Firm Capacity *Import* MW	Firm Capacity Export MW	Firm QF MW	Total Firm Capacity Available MW	Total Peak Demand MW	DSM MW	Firm Winter Peak Demand MW	Reserve Margin Before Maintenance MW	Reserve Margin Before Maintenance % of Peak	Scheduled Maintenance MW	Reserve Margin After Maintenance MW	Reserve Margin After Maintenance % of Peak
2011	23,987	1,494	0	595	26,076	21,443	1,706	19,737	6,338	32.1	726	5,612	28.4
2012	24,386	1,494	0	595	26,475	21,491	1,794	19,697	6,777	34.4	2,392	4,385	22.3
2013	23,967	1,314	0	650	25,931	21,683	1,880	19,803	6,127	30.9	1,539	4,588	23.2
2014	25,528	1,314	0	650	27,492	22,584	2,009	20,575	6,917	33.6	832	6,085	29.6
2015	26,907	1,314	0	650	28,871	23,048	2,102	20,946	7,925	37.8	0	7,925	37.8
2016	26,951	383	0	740	28,074	23,302	2,196	21,106	6,967	33.0	0	6,967	33.0
2017	27,982	0	0	740	28,722	23,543	2,289	21,254	7,467	35.1	0	7,467	35.1
2018	27,982	0	0	740	28,722	23,794	2,382	21,412	7,310	34.1	0	7,310	34.1
2019	27,982	0	0	740	28,722	24,044	2,476	21,568	7,153	33.2	0	7,153	33.2
2020	27,982	0	0	740	28,722	24,305	2,569	21,736	6,986	32.1	0	6,986	32.1

Col. (2) represents capacity additions and changes projected to be in-service by January 1st. These MWs are generally considered to be available to meet winter peak loads which are forecasted to occur during January of the year indicated.
Col. (6) = Col.(2) + Col.(3) - Col.(4) + Col.(5).
Col. (7) reflects the 2011 load forecast without incremental DSM or cumulative load management.
Col. (8) represents cumulative load management capability, plus incremental conservation, from 1/2011-on intended for use with the 2011 load forecast.
Col. (10) = Col. (6) - Col. (9).
Col. (11) = Col.(10) / Col.(9).
Col. (12) indicates the capacity of units projected to be out-of-service for planned maintenance during the Winter peak period. This value is comprised of:
(i) 726 MW (at St. Lucie 2) of nuclear capacity that will be out-of-service in Winter of 2011 due to an extended planned outage as part of the capacity uprates project; (ii) an additional 1,570 MW (853 MW at St. Lucie 1 and 717 MW at Turkey Point 3) of nuclear capacity that will be out-of-service during part of the Winter of 2012 due to extended planned outages as part of the capacity uprates project; (iii) 717MW(at Turkey Point 4) that will be out-of-service in Winter of 2013 due to an extended planned outage as part of the capacity uprates project; (iv) an additional 822 MW that will be out-of-service in the Winter of 2012 (at Manatee 2) and in the Winter of 2013 (at Manatee 1) due to the installation of electrostatic precipitators; and (v) an additional 832 MW (at Martin 1) that will be out-of-service during the Winter of 2014 due to the installation of electrostatic precipitators.
Col. (13) = Col. (10) - Col. (12).
Col. (14) = Col.(13) / Col.(9).

Schedule 8
Planned And Prospective Generating Facility Additions And Changes

Plant Name	(2) Unit No.	(3) Location	(4) Unit Type	(5) Fuel Prl.	(6) Fuel Alt.	(7) Fuel Transport Prl.	(8) Fuel Transport Alt.	(9) Const. Start Mo./Yr.	(10) Comm. In-Service Mo./Yr.	(11) Expected Retirement Mo./Yr.	(12) Gen. Max. Nameplate KW	(13) Firm Net Capability [1] Winter MW	(14) Firm Net Capability [1] Summer MW	(15) Status
ADDITIONS/ CHANGES														
2011														
St. Lucie (Uprates)	2	St. Lucie County	NP	UR	No	TK	No	---	Apr-11	Unknown	723,775	---	29	OT
Riviera	3	City of Riviera Beach	ST	FO6	NG	WA	PL	Unknown	Unknown	Feb-11	310,420	---	(277)	OT
Riviera	4	City of Riviera Beach	ST	FO6	NG	WA	PL	Unknown	Unknown	Feb-11	310,420	---	(288)	OT
West County Energy Center	3	Palm Beach County	CC	NG	FO2	PL	PL	Jan-09	Jun-11	Unknown	1,366,800	---	1219	V
										2011 Changes/Additions w/o Inactive Reserve Total:		0	683	
Cutler	5	Miami Dade County	ST	FO6	NG	WA	PL	---	---	---	76,000	(69)	(68)	OT
Cutler	6	Miami Dade County	ST	FO6	NG	WA	PL	---	---	---	161,500	(138)	(137)	OT
Sanford	3	Volusia County	ST	FO6	NG	WA	PL	---	---	---	156,250	(140)	(136)	OT
Port Everglades	1	City of Hollywood	ST	FO6	NG	WA	PL	---	---	---	226,250	(214)	(213)	OT
Port Everglades	2	City of Hollywood	ST	FO6	NG	WA	PL	---	---	---	225,250	(214)	(213)	OT
Port Everglades	3	City of Hollywood	ST	FO6	NG	WA	PL	---	---	---	402,050	---	(387)	OT
Port Everglades	4	City of Hollywood	ST	FO6	NG	WA	PL	---	---	---	402,050	---	(374)	OT
Turkey Point	2	Miami Dade County	ST	FO6	NG	WA	PL	---	---	---	402,050	---	(392)	OT
										2011 Changes/Additions with Inactive Reserve Total:		(776)	(1,239)	
2012														
Riviera	3	City of Riviera Beach	ST	FO6	NG	WA	PL	Unknown	Unknown	Unknown	310,420	(280)	---	OT
Riviera	4	City of Riviera Beach	ST	FO6	NG	WA	PL	Unknown	Unknown	Unknown	310,420	(291)	---	OT
St. Lucie (Uprates) [2]	2	St. Lucie County	NP	UR	No	TK	No	---	See Note 2	Unknown	723,775	29	(29)	T
St. Lucie (Uprates) [2]	1	St. Lucie County	NP	UR	No	TK	No	---	Dec-11	Unknown	850,000	---	122	T
Turkey Point (Uprates) [2]	3	Miami Dade County	NP	UR	No	TK	No	---	May-12	Unknown	759,900	---	109	T
West County Energy Center	3	Palm Beach County	CC	NG	FO2	PL	PL	Jan-09	Jun-11	Unknown	1,366,800	1,335	---	V
										2012 Changes/Additions w/o Inactive Reserve Total:		793	202	
Turkey Point	2	*Miami Dade County*	ST	FO6	NG	WA	PL	---	---	---	402,050	(394)	---	
Port Everglades	3	City of Hollywood	ST	FO6	NG	WA	PL	---	---	---	402,050	---	387	OT
Port Everglades	4	City of Hollywood	ST	FO6	NG	WA	PL	---	---	---	402,050	---	374	OT
										2012 Changes/Additions with Inactive Reserve Total:		399	963	
2013														
St. Lucie (Uprates) [2]	2	St. Lucie County	NP	UR	No	TK	No	---	See Note 2	Unknown	723,775	(29)	---	T
St. Lucie (Uprates) [2]	1	St. Lucie County	*NP*	*UR*	*No*	*TK*	*No*	---	*See Note 2*	*Unknown*	*850,000*	122	---	T
Cape Canaveral Next Generation Clean Energy Center	1	Brevard County	CC	NG	FO2	PL	PL	Jun-11	Jun-13	Unknown	1,298,750	---	1,210	T
Sanford	4	Volusia County	CC	NG	No	PL	No	---	Apr-13	Unknown	1,188,880	---	27	OT
Martin	8	Martin County	CC	NG	FO2	PL	PL	---	Dec-12	Unknown	1,224,510	34	32	OT
St. Lucie (Uprates) [2]	2	St. Lucie County	NP	UR	No	TK	No	---	See Note 2	Unknown	723,775	110	110	T
Turkey Point (Uprates) [2]	3	Miami Dade County	NP	UR	No	TK	No	---	See Note 2	Unknown	759,900	109	---	T
Turkey Point (Uprates) [2]	4	Miami Dade County	NP	UR	No	TK	No	---	See Note 2	Unknown	759,900	---	109	T
										2013 Changes/Additions w/o Inactive Reserve Total:		346	1,486	
Port Everglades	3	City of Hollywood	ST	FO6	NG	WA	PL	---	---	---	402,050	(389)	(387)	OT
Port Everglades	4	City of Hollywood	ST	FO6	NG	WA	PL	---	---	---	402,050	(376)	(374)	OT
										2013 Changes/Additions with Inactive Reserve Total:		(419)	727	

(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 MW additions/changes occurring later in the year will be picked up for reporting/planning purposes in the following year.

(2) The nuclear uprates will be performed during the extended outages for each unit.

Schedule 8
Planned And Prospective Generating Facility Additions And Changes

(2)	(3)	(4)	(5)	(5)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
			Fuel		Fuel Transport		Const.	Comm.	Expected	Gen. Max.	Firm Net Capability (1)		
Plant Name / Unit No.	Location	Unit Type	Prl.	Alt.	Prl.	Alt.	Start Mo./Yr.	In-Service Mo./Yr.	Retirement Mo./Yr.	Nameplate KW	Winter MW	Summer MW	Status
ADDITIONS/ CHANGES													
2014													
Turkey Point (Uprates) (2) 4	Miami Dade County	NP	UR	No	TK	No	---	See Note 2	Unknown	759,900	109	---	T
Sanford 4	Volusia County	CC	NG	No	PL	No	---	Apr-13	Unknown	1,188,860	31	---	OT
Sanford 5	Volusia County	CC	NG	No	PL	No	---	Sep-13	Unknown	1,188,860	31	27	OT
Turkey Point 5	Miami Dade County	CC	NG	FO2	PL	PL	---	Dec-13	Unknown	1,224,510	35	32	OT
Manatee 3	Manatee County	CC	NG	No	PL	No	---	Jul-14	Unknown	1,224,510	---	32	OT
Cape Canaveral Next Generation Clean Energy Center 1	Brevard County	CC	NG	FO2	PL	PL	Jun-11	Jun-13	Unknown	1,286,750	1,366	---	T
Riviera Beach Next Generation Clean Energy Center 1	City of Riviera Beach	CC	NG	FO2	PL	PL	Jun-12	Jun-14	Unknown	1,286,750	---	1,212	T
							2014 Changes/Additions w/o Inactive Reserve Total:				1,561	1,303	
							2014 Changes/Additions with Inactive Reserve Total:				1,561	1,303	
2015													
Ft. Myers 2	Lee County	CC	NG	No	PL	No	---	May-15	Unknown	1,775,390	---	40	OT
Manatee 3	Manatee County	CC	NG	No	PL	No	---	Jul-14	Unknown	1,224,510	35	---	OT
Riviera Beach Next Generation Clean Energy Center 1	City of Riviera Beach	CC	NG	FO2	PL	PL	Jun-12	Jun-14	Unknown	1,286,750	1,344	---	T
							2015 Changes/Additions w/o Inactive Reserve Total:				1,379	40	
							2015 Changes/Additions with Inactive Reserve Total:				1,379	40	
2016													
Ft. Myers 2	Lee County	CC	NG	No	PL	No	---	May-15	Unknown	1,775,390	44	---	OT
Ft. Everglades Modernization 1	---	CC	NG	FO2	PL	PL	Jun-14	Jun-16	Unknown	Unknown	---	1,277	P
							2016 Changes/Additions w/o Inactive Reserve Total:				44	1,277	
Turkey Point 1	Miami Dade County	ST	FO6	NG	WA	PL	---	---	---	402,050	---	(396)	OT
							2016 Changes/Additions with Inactive Reserve Total:				44	881	
2017													
Ft. Everglades Modernization 1	---	CC	NG	FO2	PL	PL	Jun-14	Jun-16	Unknown	Unknown	1,429	---	P
							2017 Changes/Additions w/o Inactive Reserve Total:				1,429	0	
Turkey Point 1	Miami Dade County	ST	FO6	NG	WA	PL	---	---	---	402,050	(398)	---	OT
							2017 Changes/Additions w/o Inactive Reserve Total:				1,031	0	
2018													
							2018 Changes/Additions w/o Inactive Reserve Total:				0	0	
							2018 Changes/Additions with Inactive Reserve Total:				0	0	
2019													
							2019 Changes/Additions w/o Inactive Reserve Total:				0	0	
							2019 Changes/Additions with Inactive Reserve Total:				0	0	
2020													
Unsited 3x1 Combined Cycle 1	---	CC	NG	FO2	PL	PL	Jun-18	Jun-20	Unknown	Unknown	---	1,262	P
							2020 Changes/Additions w/o Inactive Reserve Total:				0	1,262	
							2020 Changes/Additions with Inactive Reserve Total:				0	1,262	

(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 MW additions/changes occurring later in the year will be picked up for reporting/planning purposes in the following year.

(2) The nuclear uprates will be performed during the extended outages for each unit.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

(1) **Plant Name and Unit Number:** Port Everglades Modernization

(2) **Capacity**
- a. Summer 1,277 MW
- b. Winter 1,429 MW

(3) **Technology Type:** Combined Cycle

(4) **Anticipated Construction Timing**
- a. Field construction start-date: 2014
- b. Commercial In-service date: 2016

(5) **Fuel**
- a. Primary Fuel: Natural Gas
- b. Alternate Fuel: Ultra-low sulfur distillate

(6) **Air Pollution and Control Strategy:** Dry Low No_x Burners, SCR, Natural Gas, 0.0015% S. Distillate and Water Injection on Distillate

(7) **Cooling Method:** Once-through cooling water

(8) **Total Site Area:** Existing Site Acres

(9) **Construction Status:** P (Planned Unit)

(10) **Certification Status:** ---

(11) **Status with Federal Agencies:** ---

(12) **Projected Unit Performance Data:**

Planned Outage Factor (POF):	3.5%
Forced Outage Factor (FOF):	1.1%
Equivalent Availability Factor (EAF):	95.4%
Resulting Capacity Factor (%):	Approx. 90% (First Full Year Base Operation)
Average Net Operating Heat Rate (ANOHR): Base Operation 75F,100%	6,330 Btu/kWh

(13) **Projected Unit Financial Data *,****

Book Life (Years):	30 years
Total Installed Cost (2016 $/kW):	948
Direct Construction Cost ($/kW):	
AFUDC Amount ($/kW):	87
Escalation ($/kW):	
Fixed O&M ($/kW-Yr): (2016 $)	30.00
Variable O&M ($/MWH): (2016 $)	0.10
K Factor:	1.51

* $/kW values are based on Summer capacity.
** Fixed O&M cost includes capital replacement.

NOTE: Total installed cost includes gas expansion, transmission interconnection and integration, escalation, and AFUDC.

Rev: 08/29/2011

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

(1) **Plant Name and Unit Number:** Greenfield 3x1 Combined Cycle

(2) **Capacity**

a. Summer	1,262	MW
b. Winter	1,422	MW

(3) **Technology Type:** Combined Cycle

(4) **Anticipated Construction Timing**

a. Field construction start-date:	2018
b. Commercial In-service date:	2020

(5) **Fuel**

a. Primary Fuel	Natural Gas
b. Alternate Fuel	Ultra-low sulfur distillate

(6) **Air Pollution and Control Strategy:** Dry Low No_x Burners, SCR, Natural Gas, 0.0015% S. Distillate and Water Injection on Distillate

(7) **Cooling Method:** Cooling Tower

(8) ***Total Site Area:*** --- *Acres*

(9) **Construction Status:** P (Planned Unit)

(10) **Certification Status:** ---

(11) **Status with Federal Agencies:** ---

(12) **Projected Unit Performance Data:**

Planned Outage Factor (POF):	3.5%	
Forced Outage Factor (FOF):	1.1%	
Equivalent Availability Factor (EAF):	95.4%	
Resulting Capacity Factor (%):	Approx. 90%	(First Full Year Base Operation)
Average Net Operating Heat Rate (ANOHR):	6,369	Btu/kWh
Base Operation 75F,100%		

(13) **Projected Unit Financial Data *,****

Book Life (Years):	30	years
Total Installed Cost (2020 $/kW):	1,045	
Direct Construction Cost ($/kW):		
AFUDC Amount ($/kW):	96	
Escalation ($/kW):		
Fixed O&M ($/kW-Yr): (2020 $)	33.00	
Variable O&M ($/MWH): (2020 $)	0.64	
K Factor:	1.51	

* $/kW values are based on Summer capacity.
** *Fixed O&M cost includes capital replacement.*

NOTE: Total installed cost includes gas expansion, transmission interconnection and integration, escalation, and AFUDC.