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October 19, 2010

VIA OVERNIGHT 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. 100000; Corrections to FPL's Ten Year Power Plant Site Plan

Dear Ms. Cole:

Please find enclosed an original and 25 copies of three replacement pages for FPL's 2010-2019 Ten Year Power Plant Site Plan, originally filed on April 1, 2010, reflecting corrected information. Revisions are in bold, red font.

Specifically, pages 45, 46, and 47 are being replaced and contain the following corrections:

- Page 45 – Schedule 3.1: Residential Load Management and Conservation and C/I Load Management and Conservation values for years 2010 – 2019 were corrected and the footnote for Cols (5) – (9) was revised.
- Page 46 – Schedule 3. 2: Residential Load Management and Conservation and C/I Load Management and Conservation values for years 2010 – 2019 were corrected and the footnote for Cols (5) – (9) was revised.
- Page 47 – Schedule 3.3: Historical Actual Total Billed Retail Energy Sales (GWh) and the Load Factor (%) for 2009 were corrected; Residential Conservation and C/I Conservation GWh values for years 2010 – 2019 were corrected; and the footnote for Projected Values Cols (3) and (4) was revised.

Please contact me if you or your Staff have any questions regarding this filing.

Sincerely,

Jessica Cano

Jessica Cano

COM ____
APA ____
ECR ____
GCL 2
RAD 24
SSC ____
ADM ____
OPC ____
CLK Dorothy (2)

Enclosures

cc: Katherine Fleming

Schedule 3.1
History and Forecast of Summer Peak Demand: Base Case

(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
2000	17,808	161	17,647	0	719	645	467	451	16,622
2001	18,754	169	18,585	0	737	697	488	481	17,529
2002	19,219	261	18,958	0	770	755	489	517	17,960
2003	19,668	253	19,415	0	781	799	577	554	18,310
2004	20,545	258	20,287	0	783	847	588	578	19,174
2005	22,361	264	22,097	0	790	895	600	611	20,971
2006	21,819	256	21,563	0	809	948	635	640	20,375
2007	21,962	261	21,701	0	954	982	715	683	20,293
2008	21,060	181	20,879	0	974	1035	735	708	19,351
2009	22,351	212	22,139	0	985	1084	793	734	20,573
2010	21,922	381	21,541	0	1,030	130	866	93	19,804
2011	21,788	386	21,402	0	1,043	200	886	120	19,539
2012	22,139	391	21,748	0	1,059	284	910	154	19,731
2013	22,332	352	21,980	0	1,077	377	938	191	19,749
2014	23,575	1,178	22,397	0	1,095	474	966	230	20,810
2015	23,924	1,200	22,724	0	1,113	568	993	268	20,983
2016	24,344	1,225	23,119	0	1,129	653	1,018	302	21,242
2017	24,774	1,253	23,521	0	1,144	731	1,040	333	21,526
2018	25,328	1,283	24,045	0	1,158	801	1,061	361	21,948
2019	25,785	1,314	24,470	0	1,170	866	1,080	387	22,282

Historical Values (2000 - 2009):

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) for 2000 through 2009 represent actual DSM capabilities starting from January 1988 and are annual (12-month) values **except for 2009 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).

Col. (11) represents a HYPOTHETICAL "Net Firm Demand" if the load control values had definitely been exercised on the peak. Col. (11) is derived by the formula:Col. (10) = Col.(2) - Col.(6) - Col.(8).

Projected Values (2010 - 2019):

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 2010 values are based on IRP projections through the end of 2009 and FPL's new DSM Goals for 2010. In the projections for 2011 through 2019, FPL used cumulative values from the new DSM Goals with estimated breakouts into the residential, C/I, load management, and conservation categories.**

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).

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

(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
2000	17,057	142	16,915	0	741	434	438	176	15,878
2001	18,199	150	18,049	0	791	459	448	183	16,960
2002	17,597	145	17,452	0	811	500	457	196	16,329
2003	20,190	246	19,944	0	847	546	453	206	18,890
2004	14,752	211	14,541	0	857	570	532	230	13,363
2005	18,108	225	17,883	0	862	583	542	233	16,704
2006	19,683	225	19,458	0	870	600	550	240	18,263
2007	16,815	223	16,592	0	894	620	577	249	15,344
2008	18,055	163	17,892	0	879	644	635	279	16,541
2009	20,081	162	19,919	0	951	678	764	295	18,366
2010	20,550	376	20,174	0	937	72	767	41	18,733
2011	20,647	381	20,266	0	943	87	774	55	18,788
2012	20,861	386	20,475	0	949	107	783	72	18,949
2013	21,138	392	20,746	0	957	131	793	93	19,163
2014	22,152	1,060	21,092	0	966	157	805	116	20,108
2015	22,745	1,284	21,461	0	975	185	817	141	20,627
2016	23,118	1,311	21,807	0	984	212	829	164	20,929
2017	23,488	1,341	22,147	0	993	237	840	186	21,232
2018	23,889	1,374	22,514	0	1,000	260	850	206	21,573
2019	24,293	1,409	22,884	0	1,007	281	859	225	21,921

Historical Values (2000 - 2009):

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 2000 through 2009 represent actual DSM capabilities starting from January 1988 and are annual (12-month) 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).

Col. (10) represents a HYPOTHETICAL "Net Firm Demand" if the load control values had definitely been exercised on the peak. Col. (11) is derived by the formula:Col. (10) = Col.(2) - Col.(6) - Col.(8) - Col.(9).

Projected Values (2010 - 2019):

Col. (2) - Col.(4) represent FPL's forecasted peak w/o incremental conservation or cumulative load control. The effects of conservation implemented prior to 2010 are incorporated into the load forecast.

Col. (5) - Col. (9) represent **cumulative** load management, and incremental **conservation and** load management. **All** values are projected August values. **The 2010 values are based on IRP projections through the end of 2009 and FPL's new DSM Goals for 2010. In the projections for 2011 through 2019, FPL used cumulative values from the new DSM Goals with estimated breakouts into the residential, C/I, load management, and conservation categories.**

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).

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

(1)	(2) = (5) + (3) + (4)	(3)	(4)	(5)	(6)	(7)	(8) = (5) - (6) - (7)	(9)
Year	Total Net Energy For Load without DSM	Residential Conservation	C/I Conservation	**Actual** Net Energy For Load	Sales for Resale GWh	Utility Use & Losses	**Actual** Total Billed Retail Energy Sales (GWh)	Load Factor(%)
2000	99,097	1,674	1,434	95,989	970	7,059	87,959	61.4%
2001	101,739	1,789	1,545	98,404	970	7,222	90,212	59.9%
2002	107,755	1,917	1,639	104,199	1,233	7,443	95,523	61.9%
2003	112,160	2,008	1,759	108,393	1,511	7,386	99,496	62.9%
2004	112,034	2,106	1,834	108,093	1,531	7,467	99,095	59.9%
2005	115,440	2,205	1,934	111,301	1,506	7,498	102,296	56.8%
2006	117,490	2,312	2,041	113,137	1,569	7,909	103,659	59.2%
2007	118,894	2,373	2,206	114,315	1,499	7,401	105,415	59.4%
2008	115,755	2,485	2,267	111,004	993	7,092	102,919	60.0%
2009	116,221	2,581	2,336	111,304	1,155	7,394	102,755	56.8%

Historical Values (2000 - 2009):

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) for 2000 through 2009 are DSM values starting in January 1988 and are annual (12-month) values. Col. (3) and Col. (4) for 2009 are "estimated actuals" and are also annual (12-month) values. The values represent the total GWh reductions actually experienced each year .

Col. (5) is the **actual** Net Energy for Load (NEL) for years 2000 - 2009.

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.

Forecast of Annual Net Energy for Load - GWh: Base Case
(All values are "at the generator"values except for Col (8))

(1)	(2)	(3)	(4)	(5) = (2) - (3) - (4)	(6)	(7)	(8) = (2) - (6) - (7)	(9)
Year	**Forecasted** Net Energy For Load without DSM	Residential Conservation	C/I Conservation	Net Energy For Load Adjusted for DSM	Sales for Resale GWh	Utility Use & Losses	**Forecasted** Total Billed Retail Energy Sales (GWh) without DSM	Load Factor(%)
2010	109,886	61	41	109,784	2,046	7,172	100,668	57.2%
2011	111,634	211	141	111,282	2,145	7,150	102,340	58.5%
2012	113,516	408	272	112,837	2,166	7,372	103,979	58.4%
2013	115,899	633	422	114,845	2,059	7,493	106,347	59.2%
2014	122,471	868	579	121,025	4,846	8,068	109,558	59.3%
2015	124,742	1,094	729	122,918	5,484	7,980	111,278	59.5%
2016	125,672	1,298	865	123,510	5,513	8,070	112,089	58.8%
2017	127,236	1,477	984	124,775	5,555	8,173	113,508	58.6%
2018	129,665	1,636	1,091	126,938	5,602	8,370	115,693	58.4%
2019	131,712	1,781	1,187	128,744	5,648	8,468	117,596	58.3%

Projected Values (2010 - 2019):

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 thoughout each year.**
The effects of conservation implemented prior to 2010 are incorporated into the load forecast.

Col. (5) is the forecasted Net Energy for Load (NEL) after adjusting for DSM impacts DSM for years 2010 - 2019. 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. (2) 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.