

**BEFORE THE FLORIDA
PUBLIC SERVICE COMMISSION**

**DOCKET NO. 07 0650-EI
FLORIDA POWER & LIGHT COMPANY**

**IN RE: FLORIDA POWER & LIGHT COMPANY'S
PETITION TO DETERMINE NEED FOR
TURKEY POINT NUCLEAR UNITS 6 AND 7
ELECTRICAL POWER PLANT**

NEED STUDY FOR ELECTRICAL POWER

APPENDICES A-K

DOCUMENT NUMBER-DATE

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FPSC-COMMISSION CLERK

Appendix A

070650

Major FPL Interconnections (Projected 2018-2020)

List of FPL Major Interconnections (230 KV and 500 KV)		
<u>FPL</u>	<u>PEF^{1/}</u>	<u>KV</u>
Poinsett	Holopaw	230
Sanford Plant	North Longwood	230
Sanford Plant	Debary	230
Sanford Plant	Altamonte	230
Whidden	Vandolah	230
Charlotte	Vandolah	230
Poinsett	Bithlo (2009)	230
Sanford	Bithlo (2009)	230
<u>FPL</u>	<u>TECO^{1/}</u>	<u>KV</u>
Ringling	Big Bend	230
Manatee	Big Bend	230
Manatee	Ruskin	230
<u>FPL</u>	<u>JEA^{1/}</u>	<u>KV</u>
Duval	Brandy Branch (3 circuits)	230
FPL120G1	Switzerland	230
<u>FPL</u>	<u>OUC^{1/}</u>	<u>KV</u>
Cape Canaveral	Indian River (2 circuits)	230
<u>FPL</u>	<u>SECI^{1/}</u>	<u>KV</u>
Calusa	Lee (2 circuits)	230
Rice	Seminole Plant (2 circuits)	230
Putnam	Seminole Plant	230
Duval	Seminole Plant	230
<u>FPL</u>	<u>FMPA^{1/}</u>	<u>KV</u>
Orangedale	Sampson	230
Duval	Greencove	230
FPL120G1	Sampson	230
Ralls	FMP-TCEC (2008)	230
<u>FPL</u>	<u>SOCO^{1/}</u>	<u>KV</u>
Duval	Hatch	500
Duval	Thalman	500
Yulee	Kingsland	230
<p>Note:</p> <p>1/ PEF: Progress Energy Florida TECO: Tampa Electric Company JEA: Jacksonville Electric Authority OUC: Orlando Utilities Commission SECI: Seminole Electric Cooperative, Inc. FMPA: Florida Municipal Power Authority SOCO: Southern Company</p>		

Appendix B

FPL Generation Facilities - 2007

Plant Name	Unit No.	Location	Unit Type	Fuel		Net Capability 1/	
				Pri.	Alt.	Winter MW	Summer MW
Cape Canaveral	1	Brevard County	Steam	Heavy Oil	Natural Gas	398	396
	2		Steam	Heavy Oil	Natural Gas	398	396
Cutler	5	Miami Dade County	Steam	Natural Gas	None	69	68
	6		Steam	Natural Gas	None	138	137
Fort Myers	2	Lee County	Combined Cycle	Natural Gas	None	1,599	1,440
	3A & B		Combustion Turbine	Natural Gas	Distillate Oil	372	324
	1-12		Gas Turbine	Distillate Oil	None	769	648
Lauderdale	4	Broward County	Combined Cycle	Natural Gas	Distillate Oil	464	436
	5		Combined Cycle	Natural Gas	Distillate Oil	464	436
	1-12		Gas Turbine	Natural Gas	Distillate Oil	509	420
	13-24		Gas Turbine	Natural Gas	Distillate Oil	509	420
Manatee	1	Manatee County	Steam	Heavy Oil	Natural Gas	831	819
	2		Steam	Heavy Oil	Natural Gas	831	819
	3		Combined Cycle	Natural Gas	None	1,197	1,104
Martin	1	Martin County	Steam	Heavy Oil	Natural Gas	844	839
	2		Steam	Heavy Oil	Natural Gas	844	839
	3		Combined Cycle	Natural Gas	None	503	478
	4		Combined Cycle	Natural Gas	None	503	478
Port Everglades	8	Broward County	Combined Cycle	Natural Gas	Distillate Oil	1,180	1,104
	1		Steam	Heavy Oil	Natural Gas	222	220
	2		Steam	Heavy Oil	Natural Gas	222	220
	3		Steam	Heavy Oil	Natural Gas	389	387
	4		Steam	Heavy Oil	Natural Gas	394	392
Putnam	1-12	Putnam County	Gas Turbine	Natural Gas	Distillate Oil	509	420
	1		Combined Cycle	Natural Gas	Distillate Oil	283	249
	2		Combined Cycle	Natural Gas	Distillate Oil	283	249
Riviera	3	Palm Beach County	Steam	Heavy Oil	Natural Gas	280	277
	4		Steam	Heavy Oil	Natural Gas	291	288
Sanford	3	Volusia County	Steam	Heavy Oil	Natural Gas	140	138
	4		Combined Cycle	Natural Gas	None	1,067	958
	5		Combined Cycle	Natural Gas	None	1,057	948
Scherer 2/	4	Monroe, GA	Bituminous Coal	Bituminous Coal	None	652	646
St. Johns River Power Park 3/	1	Duval County	Bituminous Coal	Bituminous Coal	Petroleum Coke	125	125
	2		Bituminous Coal	Bituminous Coal	Petroleum Coke	125	125
St. Lucie 4/	1	St. Lucie County	Nuclear	Uranium	None	790	777
	2		Nuclear	Uranium	None	790	777
Turkey Point	1	Miami Dade County	Steam	Heavy Oil	Natural Gas	398	396
	2		Steam	Heavy Oil	Natural Gas	394	392
	3		Nuclear	Uranium	None	717	693
	4		Nuclear	Uranium	None	717	693
	5		Combined Cycle	Natural Gas	None	1,181	1,144
	1-5		Internal Combustion	Distillate Oil	None	12	12

1/ These ratings are peak capability.

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

3/ 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%.

4/ Total capability is 853/839 MW. Capabilities shown represent FPL's share of each unit's output (approximately 92.5%) and exclude the Orlando Utilities Commission (OUC) and Florida Municipal Power Agency (FMPA) combined portion of each unit's output (approximately 7.5%).

Appendix C

Computer Models Used in FPL's Resource Planning*

TIGER

TIGER, the "Tie Line Assistance and Generation Reliability" program, is a model originally developed by Florida Power Corporation. The model has been modified by FPL and is used to determine the magnitude and the timing of FPL's resource needs. The system reliability analyses performed by TIGER are based on three planning criteria: 20% minimum Summer reserve margin, 20% minimum Winter reserve margin, and a maximum loss-of-load probability (LOLP) of 0.1 days/year.

TIGER is a program capable of modeling two geographic areas. FPL models its service territory (and its connections to other utilities) as a single area. The expected assistance levels from other utility systems are modeled as an additional generator within FPL's service territory.

TIGER performs the calculations of excess firm capacity at the times of the annual system peaks (i.e., reserve margin calculations). It performs these calculations for the Winter peak (January) and the Summer peak (August). TIGER checks the Winter and Summer reserve margins to determine if additional capacity is needed to meet FPL's reserve margin criteria.

In addition, TIGER performs the calculation of LOLP by looking at the peak demand for each day of the year, while taking into consideration the unavailability of generators due to planned/scheduled maintenance or forced outages. Therefore, 365 daily peaks (366 for leap years) are used to calculate annual LOLP values.

* FPL regularly utilizes other models in various aspects of its integrated resource planning (IRP) work. The models listed here were used in analyses leading directly to this Determination of Need filing.

P-MArea

P-MArea is a detailed, hourly production costing model developed by P-Plus Corporation. The model has been used extensively for developing the information used in FPL's Fuel Cost Recovery filings and in numerous fuel-related as well as in the analyses for the Determination of Need filings for the two West County Energy Center combined cycle units and FPL's Glades Power Park (FGPP) coal units.

In regard to the current Determination of Need filing for the two new nuclear units at Turkey Point, P-MArea was used to develop production costs (fuel, variable O&M, and system emission costs) for the two resource plans for all of the fuel cost and environmental compliance cost forecast scenarios. The model also used transmission transfer limits in order to capture the impacts on system production costs of the geographic location of the new generation resources included in each of the resource plans.

Fixed Cost Spreadsheet

The Fixed Cost Spreadsheet is an FPL spreadsheet designed to capture all fixed costs associated with a resource plan. Fixed costs addressed include: generator capital, capacity payments, fixed O&M, capital replacement, transmission interconnection & integration capital, firm gas transportation costs, fuel inventory-related costs, upstream gas costs, etc. The Fixed Cost Spreadsheet was used in the analyses for the Determination of Need filings for the two West County Energy Center combined cycle units and the FGPP coal units.

In regard to the current Determination of Need filing for the two new nuclear units, the Fixed Cost Spreadsheet was used to calculate all fixed costs associated with the two resource plans. These fixed costs, when combined with the production costs developed with P-MArea, provided FPL with a complete perspective of the system costs associated with each resource plan.

MetrixND

MetrixND is an advanced statistics program for analysis and forecasting of time-series data that is stored in Excel or Access databases. This statistical package is used to develop the regression models to forecast sales, net energy for load, and peak demand.

Residential Sales Regression Model

Residential energy sales are forecast by multiplying the projected residential use per customer by the projected number of residential customers. A regression model is used to project the electric usage per customer. The regression model utilizes the following explanatory variables: real residential price of electricity, Florida Real Personal Income, Cooling and Heating Degree Days, and dummy variables for hurricanes and historical periods.

Commercial Sales Regression Model

The commercial sales forecast is also developed using a regression model. The regression model utilizes the following explanatory variables: Gross Domestic Product, commercial real price of electricity, Cooling Degree Days, and dummy variables for hurricanes and historical periods.

Industrial Sales Linear Multiple Regression Model

Industrial sales were forecasted using a linear multiple regression model. The linear multiple regression model utilizes the following explanatory variables: Gross Domestic Product, Cooling Degree Days, and several dummy variables for outliers, hurricanes, and months.

Net Energy for Load (NEL) Regression Model

An econometric model is developed to produce a Net Energy for Load (NEL) forecast. The explanatory variables used in the model are the following: total customers, the real price of electricity, Heating and Cooling Degree days, and Florida Real Personal Income.

System Summer Peak Econometric Model

The summer peak forecast is developed using an econometric regression model. This econometric model utilizes the following explanatory variables: total average customers, the real price of electricity, Florida Real Personal Income, average temperature on peak day, and a heat buildup weather factor consisting of the sum of the Cooling Degree Hours during the peak day and three prior days.

System Winter Peak Econometric Model

The winter peak forecast is developed using the same econometric regression methodology as is used for summer peak forecasts. The winter peak model is a per customer model which contains the following explanatory variables: the square of the minimum temperature on the peak day and Heating Degree Hours for the prior day as well as for the morning of the winter peak day. The model also includes an economic variable: Florida Real Personal Income.

The Hourly Load Forecast: System Load Forecasting "Shaper" Program

Forecasted values for system hourly load are produced using a System Load Forecasting "Shaper" Program. This model uses 16 years of historical FPL hourly system load data to develop load shapes for weekdays, weekend days, and holidays. The model allows

calibration of hourly values where the peak is maintained or where both the peak and minimum load-to-peak ratio is maintained.

Appendix D

FPL's Forecast of Peak Demands and Net Energy for Load (NEL)

Annual Peaks

Year	January (Winter) MW	August (Summer) MW	Net Energy for Load GWh
2007	22,247	22,259	117,551
2008	22,627	22,770	122,024
2009	23,115	23,435	126,270
2010	23,587	24,003	130,499
2011	24,047	24,612	134,766
2012	24,498	25,115	139,038
2013	24,952	25,590	142,379
2014	25,416	26,100	146,257
2015	26,048	26,772	150,291
2016	26,692	27,410	154,556
2017	27,342	28,079	158,179
2018	27,994	28,737	162,140
2019	28,649	29,391	166,097
2020	29,308	30,091	170,661
2021	29,936	30,780	174,470
2022	30,562	31,466	178,576
2023	31,191	32,160	182,763
2024	31,826	32,859	187,465
2025	32,475	33,581	191,516
2026	33,123	34,290	195,831
2027	33,772	35,007	200,204
2028	34,422	35,731	205,080
2029	35,084	36,474	209,257
2030	35,750	37,219	213,798
2031	36,416	37,964	218,372

Annual Peaks

Year	January (Winter) MW	August (Summer) MW	Net Energy for Load GWh
2032	37,086	38,716	223,527
2033	37,773	39,480	227,829
2034	38,480	40,279	232,681
2035	39,205	41,084	237,670
2036	39,943	41,909	243,334
2037	40,670	42,720	247,895
2038	41,443	43,588	251,835
2039	42,235	44,478	257,105
2040	43,047	45,393	263,219

Note: For the analyses discussed in this Determination of Need filing, it was assumed that the load was held constant for the years 2040 through 2061. Therefore, the 2040 forecast values shown above were also used for each year in the 2041 through 2061 time period.

Appendix E

Fuel Cost Forecast 1 (High Price): Natural Gas

YEAR	ZONE 1 FGT	ZONE 2 FGT	ZONE 3 FGT	ZONE 3 MOBILE BAY/DESTIN	GULFSTREAM FIRM - SESH	GULFSTREAM FIRM - MOBILE	GULFSTREAM NON-FIRM	GULFSTREAM NON-FIRM BACKHAUL	UPS REPLACEMENT	WILLIAMS - TRANSCO ZONE 4	PROGRESS	HENRY HUB
	FIRM \$/MMBTU	FIRM \$/MMBTU	FIRM \$/MMBTU	FGT FIRM \$/MMBTU	FGT NON-FIRM \$/MMBTU	PIPELINE \$/MMBTU	BAY \$/MMBTU	NON-FIRM \$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU
2007	\$9.89	\$10.04	\$10.48	\$10.61	\$11.03		\$10.34	\$11.15		\$11.65		\$9.58
2008	\$11.92	\$12.07	\$12.31	\$12.35	\$12.82	\$11.74	\$12.05	\$12.87		\$13.41		\$11.55
2009	\$12.33	\$12.48	\$12.66	\$12.66	\$13.13	\$12.07	\$12.35	\$13.16		\$13.70		\$11.95
2010	\$11.23	\$11.38	\$11.56	\$11.56	\$12.03	\$11.00	\$11.28	\$12.09				\$10.89
2011	\$10.66	\$10.81	\$10.99	\$10.99	\$11.46	\$10.51	\$10.79	\$11.60	\$11.19		\$12.14	\$10.33
2012	\$9.80	\$9.95	\$10.13	\$10.13	\$10.60	\$9.67	\$9.95	\$10.76	\$9.87		\$11.30	\$9.51
2013	\$10.13	\$10.28	\$10.46	\$10.46	\$10.93	\$9.99	\$10.27	\$11.09	\$10.20		\$11.62	\$9.83
2014	\$10.61	\$10.76	\$10.94	\$10.94	\$11.41	\$10.46	\$10.74	\$11.56	\$10.67		\$12.09	\$10.29
2015	\$11.23	\$11.38	\$11.56	\$11.56	\$12.03	\$11.08	\$11.36	\$12.17	\$11.29		\$12.71	\$10.89
2016	\$11.57	\$11.73	\$11.90	\$11.91	\$12.37	\$11.41	\$11.69	\$12.51			\$13.05	\$11.22
2017	\$11.92	\$12.07	\$12.25	\$12.25	\$12.72	\$11.75	\$12.03	\$12.85			\$13.39	\$11.55
2018	\$12.27	\$12.42	\$12.60	\$12.60	\$13.07	\$12.10	\$12.38	\$13.19			\$13.73	\$11.89
2019	\$12.91	\$13.06	\$13.24	\$13.24	\$13.71	\$12.73	\$13.01	\$13.82			\$14.37	\$12.51
2020	\$13.56	\$13.71	\$13.89	\$13.89	\$14.36	\$13.37	\$13.65	\$14.46			\$15.01	\$13.14
2021	\$14.06	\$14.21	\$14.39	\$14.39	\$14.86	\$13.86	\$14.14	\$14.96			\$15.50	\$13.62
2022	\$14.58	\$14.73	\$14.91	\$14.91	\$15.38	\$14.37	\$14.65	\$15.47			\$16.01	\$14.12
2023	\$15.12	\$15.27	\$15.45	\$15.45	\$15.91	\$14.90	\$15.18	\$15.99			\$16.54	\$14.64
2024	\$15.67	\$15.82	\$16.00	\$16.00	\$16.47	\$15.45	\$15.73	\$16.54			\$17.09	\$15.17
2025	\$16.25	\$16.40	\$16.58	\$16.58	\$17.05	\$16.02	\$16.30	\$17.11			\$17.66	\$15.73
2026	\$16.85	\$17.00	\$17.18	\$17.18	\$17.65	\$16.60	\$16.89	\$17.70			\$18.25	\$16.31
2027	\$17.47	\$17.62	\$17.80	\$17.80	\$18.27	\$17.21	\$17.50	\$18.31			\$18.86	\$16.91
2028	\$18.11	\$18.26	\$18.44	\$18.44	\$18.91	\$17.85	\$18.13	\$18.94			\$19.50	\$17.53
2029	\$18.78	\$18.93	\$19.11	\$19.11	\$19.57	\$18.50	\$18.78	\$19.60			\$20.15	\$18.17
2030	\$19.47	\$19.62	\$19.80	\$19.80	\$20.27	\$19.18	\$19.46	\$20.28			\$20.84	\$18.84
2031	\$20.18	\$20.33	\$20.51	\$20.51	\$20.98	\$19.89	\$20.17	\$20.98			\$21.54	\$19.53
2032	\$20.92	\$21.07	\$21.25	\$21.25	\$21.72	\$20.62	\$20.90	\$21.71			\$22.28	\$20.24
2033	\$21.69	\$21.84	\$22.02	\$22.02	\$22.49	\$21.38	\$21.66	\$22.47			\$23.04	\$20.99
2034	\$22.49	\$22.64	\$22.82	\$22.82	\$23.29	\$22.16	\$22.44	\$23.26			\$23.82	\$21.76
2035	\$23.32	\$23.47	\$23.65	\$23.65	\$24.12	\$22.98	\$23.26	\$24.07			\$24.64	\$22.55
2036	\$24.18	\$24.33	\$24.51	\$24.51	\$24.98	\$23.82	\$24.10	\$24.92			\$25.49	\$23.38
2037	\$25.06	\$25.22	\$25.39	\$25.40	\$25.86	\$24.70	\$24.98	\$25.79			\$26.36	\$24.24
2038	\$25.99	\$26.14	\$26.32	\$26.32	\$26.79	\$25.60	\$25.89	\$26.70			\$27.27	\$25.13
2039	\$26.94	\$27.09	\$27.27	\$27.27	\$27.74	\$26.55	\$26.83	\$27.64			\$28.22	\$26.05
2040	\$27.93	\$28.08	\$28.26	\$28.26	\$28.73	\$27.52	\$27.80	\$28.61			\$29.19	\$27.00
2041	\$28.96	\$29.11	\$29.29	\$29.29	\$29.76	\$28.53	\$28.81	\$29.63			\$30.21	\$28.00
2042	\$30.02	\$30.17	\$30.35	\$30.36	\$30.82	\$29.58	\$29.86	\$30.67			\$31.26	\$29.02
2043	\$31.13	\$31.28	\$31.46	\$31.46	\$31.93	\$30.67	\$30.95	\$31.76			\$32.35	\$30.09
2044	\$32.27	\$32.42	\$32.60	\$32.60	\$33.07	\$31.79	\$32.07	\$32.89			\$33.48	\$31.19
2045	\$33.46	\$33.61	\$33.79	\$33.79	\$34.26	\$32.96	\$33.24	\$34.05			\$34.65	\$32.34
2046	\$34.68	\$34.84	\$35.01	\$35.02	\$35.48	\$34.17	\$34.45	\$35.26			\$35.86	\$33.52
2047	\$35.96	\$36.11	\$36.29	\$36.29	\$36.76	\$35.42	\$35.71	\$36.52			\$37.12	\$34.75
2048	\$37.28	\$37.43	\$37.61	\$37.61	\$38.08	\$36.73	\$37.01	\$37.82			\$38.42	\$36.03
2049	\$38.65	\$38.80	\$38.98	\$38.98	\$39.45	\$38.07	\$38.36	\$39.17			\$39.77	\$37.35
2050	\$40.07	\$40.22	\$40.40	\$40.40	\$40.87	\$39.47	\$39.75	\$40.57			\$41.18	\$38.72
2051	\$41.54	\$41.69	\$41.87	\$41.87	\$42.34	\$40.92	\$41.20	\$42.02			\$42.63	\$40.14
2052	\$43.07	\$43.22	\$43.40	\$43.40	\$43.87	\$42.42	\$42.71	\$43.52			\$44.13	\$41.61
2053	\$44.65	\$44.80	\$44.98	\$44.98	\$45.45	\$43.98	\$44.26	\$45.08			\$45.70	\$43.14
2054	\$46.29	\$46.44	\$46.62	\$46.62	\$47.09	\$45.60	\$45.88	\$46.69			\$47.32	\$44.72
2055	\$47.99	\$48.14	\$48.32	\$48.32	\$48.79	\$47.27	\$47.55	\$48.36			\$48.99	\$46.36
2056	\$49.75	\$49.90	\$50.08	\$50.08	\$50.55	\$49.01	\$49.29	\$50.10			\$50.73	\$48.06

Fuel Cost Forecast 1 (High Price): Solid Fuel

YEAR	ST. JOHNS RIVER POWER		ICL DISPATCH PRICE WITHOUT SO2	CEDAR BAY IGCC	
	PLANT SCHERER DISPATCH PRICE WITHOUT SO2	PARCK DISPATCH PRICE WITHOUT SO2		DISPATCH PRICE WITHOUT SO2	DISPATCH PRICE WITHOUT SO2
	\$/MMBTU	\$/MMBTU		\$/MMBTU	\$/MMBTU
2007	\$2.43	\$2.79	\$3.96	\$2.79	\$4.57
2008	\$2.48	\$3.28	\$3.93	\$3.28	\$3.93
2009	\$2.55	\$3.28	\$3.91	\$3.32	\$3.73
2010	\$2.60	\$3.26	\$3.94	\$3.32	\$3.78
2011	\$2.68	\$2.43	\$3.99	\$2.56	\$3.84
2012	\$2.74	\$2.47	\$4.04	\$2.59	\$3.89
2013	\$2.78	\$2.50	\$3.94	\$2.63	\$3.68
2014	\$2.82	\$2.53	\$3.99	\$2.66	\$3.73
2015	\$3.71	\$2.57	\$4.05	\$2.70	\$3.78
2016	\$3.76	\$2.61	\$4.13	\$2.75	\$3.85
2017	\$3.81	\$2.65	\$4.23	\$2.79	\$3.91
2018	\$3.86	\$2.69	\$4.33	\$2.83	\$3.98
2019	\$3.92	\$2.73	\$4.43	\$2.87	\$4.06
2020	\$3.98	\$2.77	\$4.54	\$2.92	\$4.13
2021	\$4.04	\$2.82	\$4.63	\$2.97	\$4.20
2022	\$4.09	\$2.87	\$4.74	\$3.02	\$4.28
2023	\$4.14	\$2.91	\$4.84	\$3.07	\$4.35
2024	\$4.20	\$2.97	\$4.95	\$3.12	\$4.44
2025	\$4.25	\$3.02	\$5.12	\$3.18	\$4.54
2026	\$4.31	\$3.07	\$5.23	\$3.24	\$4.62
2027	\$4.36	\$3.13	\$5.34	\$3.30	\$4.71
2028	\$4.42	\$3.19	\$5.46	\$3.36	\$4.80
2029	\$4.48	\$3.25	\$5.59	\$3.42	\$4.89
2030	\$4.54	\$3.31	\$5.71	\$3.49	\$4.99
2031	\$4.60	\$3.37	\$5.84	\$3.55	\$5.08
2032	\$4.66	\$3.43	\$5.98	\$3.61	\$5.18
2033	\$4.73	\$3.49	\$6.11	\$3.68	\$5.27
2034	\$4.80	\$3.55	\$6.25	\$3.74	\$5.37
2035	\$4.86	\$3.61	\$6.40	\$3.80	\$5.47
2036	\$4.93	\$3.67	\$6.54	\$3.87	\$5.57
2037	\$5.00	\$3.73	\$6.69	\$3.94	\$5.68
2038	\$5.08	\$3.80	\$6.84	\$4.00	\$5.79
2039	\$5.15	\$3.87	\$7.00	\$4.07	\$5.90
2040	\$5.22	\$3.93	\$7.16	\$4.14	\$6.01
2041	\$5.30	\$4.00	\$7.33	\$4.22	\$6.12
2042	\$5.37	\$4.07	\$7.50	\$4.29	\$6.24
2043	\$5.45	\$4.15	\$7.67	\$4.36	\$6.36
2044	\$5.53	\$4.22	\$7.85	\$4.44	\$6.48
2045	\$5.61	\$4.29	\$8.04	\$4.52	\$6.60
2046	\$5.69	\$4.37	\$8.23	\$4.60	\$6.73
2047	\$5.77	\$4.45	\$8.42	\$4.68	\$6.86
2048	\$5.86	\$4.52	\$8.62	\$4.76	\$6.99
2049	\$5.94	\$4.60	\$8.83	\$4.84	\$7.13
2050	\$6.03	\$4.68	\$9.04	\$4.92	\$7.26
2051	\$6.12	\$4.77	\$9.26	\$5.01	\$7.41
2052	\$6.20	\$4.85	\$9.48	\$5.10	\$7.55
2053	\$6.29	\$4.94	\$9.71	\$5.18	\$7.69

Fuel Cost Forecast 1 (High Price): Residual Fuel Oil

YEAR	PORT EVERGLADES			INDIAN RIVER & CANAVERAL		SANFORD 1% RIVIERA 1%	
	MARTIN 1% \$/MMBTU	1% \$/MMBTU	MANATEE 1% \$/MMBTU	TURKEY POINT 1% \$/MMBTU	1% \$/MMBTU	\$/MMBTU	\$/MMBTU
2007	\$13.54	\$13.54	\$13.54	\$13.56	\$13.55	\$13.96	\$13.54
2008	\$15.24	\$15.23	\$15.24	\$15.26	\$15.24	\$15.66	\$15.24
2009	\$15.06	\$15.06	\$15.06	\$15.08	\$15.07	\$15.48	\$15.06
2010	\$14.76	\$14.76	\$14.76	\$14.78	\$14.76	\$15.18	\$14.76
2011	\$15.16	\$15.16	\$15.17	\$15.18	\$15.17	\$15.58	\$15.16
2012	\$15.54	\$15.53	\$15.54	\$15.56	\$15.54	\$15.95	\$15.54
2013	\$15.98	\$15.98	\$15.98	\$16.00	\$15.99	\$16.40	\$15.98
2014	\$16.48	\$16.48	\$16.48	\$16.50	\$16.49	\$16.90	\$16.48
2015	\$17.07	\$17.07	\$17.08	\$17.09	\$17.08	\$17.49	\$17.07
2016	\$17.87	\$17.87	\$17.87	\$17.89	\$17.87	\$18.29	\$17.87
2017	\$18.65	\$18.65	\$18.65	\$18.67	\$18.66	\$19.07	\$18.65
2018	\$19.41	\$19.41	\$19.41	\$19.43	\$19.42	\$19.83	\$19.41
2019	\$20.19	\$20.18	\$20.19	\$20.21	\$20.19	\$20.60	\$20.19
2020	\$20.96	\$20.96	\$20.97	\$20.98	\$20.97	\$21.38	\$20.96
2021	\$21.71	\$21.71	\$21.71	\$21.73	\$21.72	\$22.13	\$21.71
2022	\$22.48	\$22.48	\$22.48	\$22.50	\$22.49	\$22.90	\$22.48
2023	\$23.28	\$23.28	\$23.29	\$23.31	\$23.29	\$23.70	\$23.28
2024	\$24.12	\$24.12	\$24.12	\$24.14	\$24.12	\$24.54	\$24.12
2025	\$24.98	\$24.98	\$24.98	\$25.00	\$24.99	\$25.40	\$24.98
2026	\$25.88	\$25.88	\$25.88	\$25.90	\$25.88	\$26.30	\$25.88
2027	\$26.81	\$26.81	\$26.81	\$26.83	\$26.81	\$27.23	\$26.81
2028	\$27.77	\$27.77	\$27.77	\$27.79	\$27.78	\$28.19	\$27.77
2029	\$28.77	\$28.77	\$28.78	\$28.79	\$28.78	\$29.19	\$28.77
2030	\$29.81	\$29.81	\$29.81	\$29.83	\$29.82	\$30.23	\$29.81
2031	\$30.89	\$30.89	\$30.89	\$30.91	\$30.90	\$31.31	\$30.89
2032	\$32.01	\$32.00	\$32.01	\$32.03	\$32.01	\$32.43	\$32.01
2033	\$33.17	\$33.16	\$33.17	\$33.19	\$33.17	\$33.59	\$33.17
2034	\$34.37	\$34.37	\$34.37	\$34.39	\$34.38	\$34.79	\$34.37
2035	\$35.62	\$35.62	\$35.62	\$35.64	\$35.63	\$36.04	\$35.62
2036	\$36.91	\$36.91	\$36.92	\$36.93	\$36.92	\$37.33	\$36.91
2037	\$38.26	\$38.26	\$38.26	\$38.28	\$38.26	\$38.68	\$38.26
2038	\$39.65	\$39.65	\$39.65	\$39.67	\$39.66	\$40.07	\$39.65
2039	\$41.10	\$41.10	\$41.10	\$41.12	\$41.11	\$41.52	\$41.10
2040	\$42.60	\$42.60	\$42.60	\$42.62	\$42.61	\$43.02	\$42.60
2041	\$44.16	\$44.15	\$44.16	\$44.18	\$44.16	\$44.58	\$44.16
2042	\$45.77	\$45.77	\$45.77	\$45.79	\$45.78	\$46.19	\$45.77
2043	\$47.45	\$47.45	\$47.45	\$47.47	\$47.46	\$47.87	\$47.45
2044	\$49.19	\$49.19	\$49.19	\$49.21	\$49.19	\$49.61	\$49.19
2045	\$50.99	\$50.99	\$50.99	\$51.01	\$51.00	\$51.41	\$50.99
2046	\$52.86	\$52.86	\$52.87	\$52.88	\$52.87	\$53.28	\$52.86
2047	\$54.81	\$54.80	\$54.81	\$54.83	\$54.81	\$55.23	\$54.81
2048	\$56.82	\$56.82	\$56.82	\$56.84	\$56.83	\$57.24	\$56.82
2049	\$58.91	\$58.91	\$58.91	\$58.93	\$58.92	\$59.33	\$58.91
2050	\$61.08	\$61.08	\$61.08	\$61.10	\$61.09	\$61.50	\$61.08
2051	\$63.33	\$63.33	\$63.33	\$63.35	\$63.34	\$63.75	\$63.33
2052	\$65.67	\$65.66	\$65.67	\$65.69	\$65.67	\$66.09	\$65.67
2053	\$68.09	\$68.09	\$68.09	\$68.11	\$68.10	\$68.51	\$68.09

Fuel Cost Forecast 1 (High Price): Distillate Oil

YEAR	SHADY HILLS \$/MMBTU	DESOTO \$/MMBTU	OLEANDER \$/MMBTU	PORT EVERGLADES \$/MMBTU	LAUDERDALE \$/MMBTU	FT MYERS \$/MMBTU	PUTNAM \$/MMBTU	MARTIN & WCEC \$/MMBTU
2007	\$22.72	\$22.83	\$22.88	\$21.94	\$21.94	\$22.72	\$22.99	\$22.94
2008				\$23.87	\$23.87	\$24.65	\$24.92	\$24.87
2009				\$23.47	\$23.47	\$24.25	\$24.53	\$24.47
2010				\$18.93	\$18.93	\$19.71	\$19.99	\$19.93
2011				\$19.21	\$19.21	\$19.99	\$20.26	\$20.21
2012				\$20.70	\$20.70	\$21.48	\$21.76	\$21.70
2013				\$21.49	\$21.49	\$22.26	\$22.54	\$22.48
2014				\$22.25	\$22.25	\$23.03	\$23.31	\$23.25
2015				\$22.99	\$22.99	\$23.77	\$24.05	\$23.99
2016				\$23.98	\$23.98	\$24.76	\$25.03	\$24.98
2017				\$24.99	\$24.99	\$25.77	\$26.04	\$25.99
2018				\$25.99	\$25.99	\$26.77	\$27.04	\$26.99
2019				\$27.01	\$27.01	\$27.78	\$28.06	\$28.01
2020				\$28.03	\$28.03	\$28.81	\$29.09	\$29.03
2021				\$28.99	\$28.99	\$29.76	\$30.04	\$29.98
2022				\$29.97	\$29.97	\$30.75	\$31.03	\$30.97
2023				\$31.00	\$31.00	\$31.77	\$32.05	\$32.00
2024				\$32.05	\$32.05	\$32.83	\$33.11	\$33.05
2025				\$33.15	\$33.15	\$33.93	\$34.20	\$34.15
2026				\$34.28	\$34.28	\$35.06	\$35.34	\$35.28
2027				\$35.45	\$35.45	\$36.23	\$36.51	\$36.45
2028				\$36.67	\$36.67	\$37.44	\$37.72	\$37.66
2029				\$37.92	\$37.92	\$38.70	\$38.97	\$38.92
2030				\$39.22	\$39.22	\$40.00	\$40.27	\$40.22
2031				\$40.56	\$40.56	\$41.34	\$41.62	\$41.56
2032				\$41.95	\$41.95	\$42.73	\$43.01	\$42.95
2033				\$43.39	\$43.39	\$44.17	\$44.44	\$44.39
2034				\$44.88	\$44.88	\$45.65	\$45.93	\$45.87
2035				\$46.42	\$46.42	\$47.19	\$47.47	\$47.41
2036				\$48.01	\$48.01	\$48.78	\$49.06	\$49.01
2037				\$49.66	\$49.66	\$50.43	\$50.71	\$50.65
2038				\$51.36	\$51.36	\$52.14	\$52.41	\$52.36
2039				\$53.12	\$53.12	\$53.90	\$54.18	\$54.12
2040				\$54.95	\$54.95	\$55.73	\$56.00	\$55.95
2041				\$56.84	\$56.84	\$57.61	\$57.89	\$57.84
2042				\$58.79	\$58.79	\$59.57	\$59.85	\$59.79
2043				\$60.81	\$60.81	\$61.59	\$61.87	\$61.81
2044				\$62.91	\$62.91	\$63.68	\$63.96	\$63.90
2045				\$65.07	\$65.07	\$65.85	\$66.12	\$66.07
2046				\$67.31	\$67.31	\$68.09	\$68.36	\$68.31
2047				\$69.63	\$69.63	\$70.40	\$70.68	\$70.62
2048				\$72.02	\$72.02	\$72.80	\$73.08	\$73.02
2049				\$74.50	\$74.50	\$75.28	\$75.56	\$75.50
2050				\$77.07	\$77.07	\$77.85	\$78.12	\$78.07
2051				\$79.73	\$79.73	\$80.50	\$80.78	\$80.72
2052				\$82.47	\$82.47	\$83.25	\$83.53	\$83.47
2053				\$85.32	\$85.32	\$86.09	\$86.37	\$86.31

Fuel Cost Forecast 3 (Medium Price): Natural Gas

YEAR	ZONE 1 FGT	ZONE 2 FGT	ZONE 3 FGT	ZONE 3 MOBILE		GULFSTREAM	GULFSTREAM	GULFSTREAM	GULFSTREAM	UPS	WILLIAMS -	PROGRESS	HENRY HUB
	FIRM	FIRM	FIRM	BAY/DESTIN	NON-FIRM	FIRM - SESH	FIRM - MOBILE	NON-FIRM	NON-FIRM	REPLACEMENT	TRANSSCO		
	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU
2007	\$7.23	\$7.34	\$7.67	\$7.76	\$8.07		\$7.56	\$8.16	\$8.52		\$7.34	\$7.57	\$7.01
2008	\$8.72	\$8.83	\$9.00	\$9.04	\$9.38	\$8.58	\$8.82	\$9.41	\$9.81		\$8.56	\$9.13	\$8.45
2009	\$9.02	\$9.13	\$9.26	\$9.26	\$9.60	\$8.83	\$9.03	\$9.63	\$10.02		\$8.83	\$9.44	\$8.74
2010	\$8.22	\$8.33	\$8.46	\$8.46	\$8.80	\$8.05	\$8.25	\$8.84	\$9.24	\$8.18			\$7.96
2011	\$7.79	\$7.90	\$8.04	\$8.04	\$8.38	\$7.69	\$7.89	\$8.49	\$8.88	\$7.84			\$7.56
2012	\$7.17	\$7.28	\$7.41	\$7.41	\$7.75	\$7.07	\$7.28	\$7.87	\$8.26	\$7.22			\$6.96
2013	\$7.41	\$7.52	\$7.65	\$7.65	\$8.00	\$7.31	\$7.52	\$8.11	\$8.50	\$7.46			\$7.19
2014	\$7.76	\$7.87	\$8.00	\$8.00	\$8.34	\$7.65	\$7.86	\$8.45	\$8.85	\$7.81			\$7.53
2015	\$8.22	\$8.33	\$8.46	\$8.46	\$8.80	\$8.10	\$8.31	\$8.90	\$9.30	\$8.26			\$7.97
2016	\$8.47	\$8.58	\$8.71	\$8.71	\$9.05	\$8.35	\$8.55	\$9.15	\$9.54				\$8.21
2017	\$8.72	\$8.83	\$8.96	\$8.96	\$9.30	\$8.60	\$8.80	\$9.40	\$9.79				\$8.45
2018	\$8.97	\$9.08	\$9.22	\$9.22	\$9.56	\$8.85	\$9.05	\$9.65	\$10.04				\$8.70
2019	\$9.44	\$9.55	\$9.69	\$9.69	\$10.03	\$9.31	\$9.52	\$10.11	\$10.51				\$9.15
2020	\$9.92	\$10.03	\$10.16	\$10.16	\$10.50	\$9.78	\$9.98	\$10.58	\$10.98				\$9.61
2021	\$10.28	\$10.39	\$10.53	\$10.53	\$10.87	\$10.14	\$10.34	\$10.94	\$11.34				\$9.96
2022	\$10.66	\$10.77	\$10.90	\$10.91	\$11.25	\$10.51	\$10.72	\$11.31	\$11.71				\$10.33
2023	\$11.06	\$11.17	\$11.30	\$11.30	\$11.64	\$10.90	\$11.10	\$11.70	\$12.10				\$10.71
2024	\$11.46	\$11.57	\$11.70	\$11.71	\$12.05	\$11.30	\$11.50	\$12.10	\$12.50				\$11.10
2025	\$11.89	\$12.00	\$12.13	\$12.13	\$12.47	\$11.71	\$11.92	\$12.52	\$12.92				\$11.51
2026	\$12.32	\$12.43	\$12.56	\$12.57	\$12.91	\$12.15	\$12.35	\$12.95	\$13.35				\$11.93
2027	\$12.78	\$12.89	\$13.02	\$13.02	\$13.36	\$12.59	\$12.80	\$13.39	\$13.80				\$12.37
2028	\$13.25	\$13.36	\$13.49	\$13.49	\$13.83	\$13.06	\$13.26	\$13.86	\$14.26				\$12.82
2029	\$13.73	\$13.84	\$13.97	\$13.98	\$14.32	\$13.53	\$13.74	\$14.34	\$14.74				\$13.29
2030	\$14.24	\$14.35	\$14.48	\$14.48	\$14.82	\$14.03	\$14.24	\$14.83	\$15.24				\$13.78
2031	\$14.76	\$14.87	\$15.00	\$15.01	\$15.35	\$14.55	\$14.75	\$15.35	\$15.76				\$14.28
2032	\$15.31	\$15.42	\$15.55	\$15.55	\$15.89	\$15.08	\$15.29	\$15.88	\$16.29				\$14.81
2033	\$15.87	\$15.98	\$16.11	\$16.11	\$16.45	\$15.64	\$15.84	\$16.44	\$16.85				\$15.35
2034	\$16.45	\$16.56	\$16.69	\$16.69	\$17.04	\$16.21	\$16.42	\$17.01	\$17.43				\$15.91
2035	\$17.06	\$17.17	\$17.30	\$17.30	\$17.64	\$16.81	\$17.01	\$17.61	\$18.02				\$16.50
2036	\$17.68	\$17.79	\$17.93	\$17.93	\$18.27	\$17.42	\$17.63	\$18.23	\$18.64				\$17.10
2037	\$18.33	\$18.44	\$18.58	\$18.58	\$18.92	\$18.07	\$18.27	\$18.87	\$19.28				\$17.73
2038	\$19.01	\$19.12	\$19.25	\$19.25	\$19.59	\$18.73	\$18.93	\$19.53	\$19.95				\$18.38
2039	\$19.71	\$19.82	\$19.95	\$19.95	\$20.29	\$19.42	\$19.62	\$20.22	\$20.64				\$19.05
2040	\$20.43	\$20.54	\$20.67	\$20.67	\$21.02	\$20.13	\$20.34	\$20.93	\$21.35				\$19.75
2041	\$21.18	\$21.29	\$21.42	\$21.43	\$21.77	\$20.87	\$21.08	\$21.67	\$22.10				\$20.48
2042	\$21.96	\$22.07	\$22.20	\$22.20	\$22.55	\$21.64	\$21.84	\$22.44	\$22.86				\$21.23
2043	\$22.77	\$22.88	\$23.01	\$23.01	\$23.35	\$22.43	\$22.64	\$23.23	\$23.66				\$22.01
2044	\$23.60	\$23.71	\$23.85	\$23.85	\$24.19	\$23.25	\$23.46	\$24.05	\$24.49				\$22.82
2045	\$24.47	\$24.58	\$24.71	\$24.71	\$25.06	\$24.11	\$24.31	\$24.91	\$25.34				\$23.65
2046	\$25.37	\$25.48	\$25.61	\$25.61	\$25.96	\$24.99	\$25.20	\$25.79	\$26.23				\$24.52
2047	\$26.30	\$26.41	\$26.54	\$26.55	\$26.89	\$25.91	\$26.12	\$26.71	\$27.15				\$25.42
2048	\$27.27	\$27.38	\$27.51	\$27.51	\$27.85	\$26.86	\$27.07	\$27.66	\$28.10				\$26.35
2049	\$28.27	\$28.38	\$28.51	\$28.51	\$28.86	\$27.85	\$28.06	\$28.65	\$29.09				\$27.32
2050	\$29.31	\$29.42	\$29.55	\$29.55	\$29.89	\$28.87	\$29.08	\$29.67	\$30.12				\$28.32
2051	\$30.39	\$30.50	\$30.63	\$30.63	\$30.97	\$29.93	\$30.14	\$30.73	\$31.18				\$29.36
2052	\$31.50	\$31.61	\$31.74	\$31.75	\$32.09	\$31.03	\$31.24	\$31.83	\$32.28				\$30.44
2053	\$32.66	\$32.77	\$32.90	\$32.90	\$33.24	\$32.17	\$32.38	\$32.97	\$33.43				\$31.55

Fuel Cost Forecast 3 (Medium Price): Solid Fuel

YEAR	ST. JOHNS RIVER POWER				
	PLANT SCHERER	PARCK	ICL	CEDAR BAY	IGCC
	DISPATCH PRICE	DISPATCH PRICE	DISPATCH PRICE	DISPATCH PRICE	DISPATCH PRICE
	WITHOUT SO2 \$/MMBTU	WITHOUT SO2 \$/MMBTU	WITHOUT SO2 \$/MMBTU	WITHOUT SO2 \$/MMBTU	WITHOUT SO2 \$/MMBTU
2007	\$1.97	\$2.26	\$3.20	\$2.26	\$3.70
2008	\$2.01	\$2.65	\$3.18	\$2.65	\$3.18
2009	\$2.06	\$2.66	\$3.16	\$2.68	\$3.02
2010	\$2.11	\$2.64	\$3.19	\$2.69	\$3.06
2011	\$2.17	\$1.97	\$3.23	\$2.07	\$3.11
2012	\$2.21	\$1.99	\$3.27	\$2.10	\$3.15
2013	\$2.25	\$2.02	\$3.19	\$2.13	\$2.98
2014	\$2.29	\$2.05	\$3.23	\$2.16	\$3.01
2015	\$3.00	\$2.08	\$3.27	\$2.19	\$3.06
2016	\$3.04	\$2.11	\$3.34	\$2.22	\$3.11
2017	\$3.08	\$2.14	\$3.42	\$2.25	\$3.16
2018	\$3.12	\$2.17	\$3.50	\$2.29	\$3.22
2019	\$3.17	\$2.21	\$3.59	\$2.32	\$3.28
2020	\$3.22	\$2.24	\$3.67	\$2.36	\$3.34
2021	\$3.27	\$2.28	\$3.75	\$2.40	\$3.40
2022	\$3.31	\$2.32	\$3.83	\$2.44	\$3.46
2023	\$3.35	\$2.36	\$3.91	\$2.48	\$3.52
2024	\$3.39	\$2.40	\$4.00	\$2.53	\$3.59
2025	\$3.44	\$2.44	\$4.14	\$2.57	\$3.67
2026	\$3.48	\$2.49	\$4.23	\$2.62	\$3.74
2027	\$3.53	\$2.53	\$4.32	\$2.67	\$3.81
2028	\$3.57	\$2.58	\$4.42	\$2.72	\$3.88
2029	\$3.62	\$2.63	\$4.52	\$2.77	\$3.96
2030	\$3.67	\$2.68	\$4.62	\$2.82	\$4.03
2031	\$3.72	\$2.73	\$4.73	\$2.87	\$4.11
2032	\$3.77	\$2.77	\$4.84	\$2.92	\$4.19
2033	\$3.83	\$2.82	\$4.95	\$2.97	\$4.27
2034	\$3.88	\$2.87	\$5.06	\$3.02	\$4.34
2035	\$3.94	\$2.92	\$5.17	\$3.08	\$4.43
2036	\$3.99	\$2.97	\$5.29	\$3.13	\$4.51
2037	\$4.05	\$3.02	\$5.41	\$3.18	\$4.59
2038	\$4.11	\$3.07	\$5.54	\$3.24	\$4.68
2039	\$4.17	\$3.13	\$5.66	\$3.30	\$4.77
2040	\$4.23	\$3.18	\$5.79	\$3.35	\$4.86
2041	\$4.29	\$3.24	\$5.93	\$3.41	\$4.95
2042	\$4.35	\$3.30	\$6.07	\$3.47	\$5.05
2043	\$4.41	\$3.35	\$6.21	\$3.53	\$5.15
2044	\$4.47	\$3.41	\$6.35	\$3.59	\$5.24
2045	\$4.54	\$3.47	\$6.50	\$3.65	\$5.34
2046	\$4.60	\$3.53	\$6.66	\$3.72	\$5.45
2047	\$4.67	\$3.60	\$6.82	\$3.78	\$5.55
2048	\$4.74	\$3.66	\$6.98	\$3.85	\$5.66
2049	\$4.81	\$3.72	\$7.14	\$3.92	\$5.77
2050	\$4.88	\$3.79	\$7.31	\$3.98	\$5.88
2051	\$4.95	\$3.86	\$7.49	\$4.05	\$5.99
2052	\$5.02	\$3.92	\$7.67	\$4.12	\$6.11
2053	\$5.09	\$3.99	\$7.85	\$4.19	\$6.23

Fuel Cost Forecast 3 (Medium Price): Residual Fuel Oil

YEAR	MARTIN 1% \$/MMBTU	PORT EVERGLADES 1% \$/MMBTU	MANATEE 1% \$/MMBTU	TURKEY POINT INDIAN RIVER & CANAVERAL 1% \$/MMBTU	SANFORD 1% \$/MMBTU	RIVIERA 1% \$/MMBTU
2007	\$8.79	\$8.79	\$8.79	\$8.80	\$9.07	\$8.79
2008	\$9.90	\$9.89	\$9.90	\$9.90	\$10.17	\$9.90
2009	\$9.78	\$9.78	\$9.78	\$9.78	\$10.05	\$9.78
2010	\$9.58	\$9.58	\$9.59	\$9.59	\$9.86	\$9.58
2011	\$9.85	\$9.85	\$9.85	\$9.85	\$10.12	\$9.85
2012	\$10.09	\$10.09	\$10.09	\$10.09	\$10.36	\$10.09
2013	\$10.38	\$10.37	\$10.38	\$10.38	\$10.65	\$10.38
2014	\$10.70	\$10.70	\$10.70	\$10.72	\$10.98	\$10.70
2015	\$11.09	\$11.09	\$11.09	\$11.09	\$11.36	\$11.09
2016	\$11.60	\$11.60	\$11.60	\$11.62	\$11.87	\$11.60
2017	\$12.11	\$12.11	\$12.11	\$12.12	\$12.38	\$12.11
2018	\$12.61	\$12.61	\$12.61	\$12.62	\$12.88	\$12.61
2019	\$13.11	\$13.11	\$13.11	\$13.12	\$13.38	\$13.11
2020	\$13.61	\$13.61	\$13.61	\$13.62	\$13.88	\$13.61
2021	\$14.10	\$14.10	\$14.10	\$14.11	\$14.37	\$14.10
2022	\$14.60	\$14.60	\$14.60	\$14.60	\$14.87	\$14.60
2023	\$15.12	\$15.12	\$15.12	\$15.13	\$15.39	\$15.12
2024	\$15.66	\$15.66	\$15.66	\$15.67	\$15.93	\$15.66
2025	\$16.22	\$16.22	\$16.22	\$16.23	\$16.49	\$16.22
2026	\$16.80	\$16.80	\$16.81	\$16.82	\$17.08	\$16.80
2027	\$17.41	\$17.41	\$17.41	\$17.41	\$17.68	\$17.41
2028	\$18.03	\$18.03	\$18.04	\$18.05	\$18.31	\$18.03
2029	\$18.68	\$18.68	\$18.69	\$18.70	\$18.66	\$18.68
2030	\$19.36	\$19.36	\$19.36	\$19.37	\$19.63	\$19.36
2031	\$20.06	\$20.06	\$20.06	\$20.07	\$20.33	\$20.06
2032	\$20.78	\$20.78	\$20.79	\$20.79	\$21.06	\$20.78
2033	\$21.54	\$21.54	\$21.54	\$21.55	\$21.81	\$21.54
2034	\$22.32	\$22.32	\$22.32	\$22.33	\$22.59	\$22.32
2035	\$23.13	\$23.13	\$23.13	\$23.14	\$23.40	\$23.13
2036	\$23.97	\$23.97	\$23.97	\$23.98	\$24.24	\$23.97
2037	\$24.84	\$24.84	\$24.85	\$24.86	\$25.12	\$24.84
2038	\$25.75	\$25.75	\$25.75	\$25.76	\$26.02	\$25.75
2039	\$26.69	\$26.69	\$26.69	\$26.70	\$26.96	\$26.69
2040	\$27.66	\$27.66	\$27.66	\$27.68	\$27.94	\$27.66
2041	\$28.67	\$28.67	\$28.68	\$28.69	\$28.95	\$28.67
2042	\$29.72	\$29.72	\$29.73	\$29.74	\$30.00	\$29.72
2043	\$30.81	\$30.81	\$30.81	\$30.82	\$31.08	\$30.81
2044	\$31.94	\$31.94	\$31.94	\$31.96	\$32.21	\$31.94
2045	\$33.11	\$33.11	\$33.11	\$33.13	\$33.39	\$33.11
2046	\$34.33	\$34.33	\$34.33	\$34.34	\$34.60	\$34.33
2047	\$35.59	\$35.59	\$35.59	\$35.60	\$35.86	\$35.59
2048	\$36.90	\$36.90	\$36.90	\$36.91	\$37.17	\$36.90
2049	\$38.26	\$38.26	\$38.26	\$38.27	\$38.53	\$38.26
2050	\$39.66	\$39.66	\$39.67	\$39.67	\$39.94	\$39.66
2051	\$41.13	\$41.13	\$41.13	\$41.14	\$41.40	\$41.13
2052	\$42.64	\$42.64	\$42.64	\$42.65	\$42.91	\$42.64
2053	\$44.22	\$44.21	\$44.22	\$44.22	\$44.49	\$44.22

Fuel Cost Forecast 3 (Medium Price): Distillate Oil

YEAR	SHADY HILLS	DESOTO	OLEANDER	PORT EVERGLADES	LAUDERDALE	FT MYERS	PUTNAM	MARTIN & WCEC
	<u>\$/MMBTU</u>	<u>\$/MMBTU</u>	<u>\$/MMBTU</u>	<u>\$/MMBTU</u>	<u>\$/MMBTU</u>	<u>\$/MMBTU</u>	<u>\$/MMBTU</u>	<u>\$/MMBTU</u>
2007	\$14.75	\$14.82	\$14.86	\$14.25	\$14.25	\$14.75	\$14.93	\$14.90
2008				\$15.50	\$15.50	\$16.00	\$16.18	\$16.15
2009				\$15.24	\$15.24	\$15.75	\$15.93	\$15.89
2010				\$12.29	\$12.29	\$12.80	\$12.98	\$12.94
2011				\$12.47	\$12.47	\$12.98	\$13.16	\$13.12
2012				\$13.44	\$13.44	\$13.95	\$14.13	\$14.09
2013				\$13.95	\$13.95	\$14.46	\$14.64	\$14.60
2014				\$14.45	\$14.45	\$14.96	\$15.14	\$15.10
2015				\$14.93	\$14.93	\$15.43	\$15.61	\$15.58
2016				\$15.57	\$15.57	\$16.08	\$16.26	\$16.22
2017				\$16.23	\$16.23	\$16.73	\$16.91	\$16.88
2018				\$16.88	\$16.88	\$17.38	\$17.56	\$17.52
2019				\$17.54	\$17.54	\$18.04	\$18.22	\$18.19
2020				\$18.20	\$18.20	\$18.71	\$18.89	\$18.85
2021				\$18.82	\$18.82	\$19.33	\$19.51	\$19.47
2022				\$19.46	\$19.46	\$19.97	\$20.15	\$20.11
2023				\$20.13	\$20.13	\$20.63	\$20.81	\$20.78
2024				\$20.82	\$20.82	\$21.32	\$21.50	\$21.46
2025				\$21.53	\$21.53	\$22.03	\$22.21	\$22.18
2026				\$22.26	\$22.26	\$22.77	\$22.95	\$22.91
2027				\$23.02	\$23.02	\$23.53	\$23.71	\$23.67
2028				\$23.81	\$23.81	\$24.31	\$24.49	\$24.46
2029				\$24.62	\$24.62	\$25.13	\$25.31	\$25.27
2030				\$25.47	\$25.47	\$25.97	\$26.15	\$26.12
2031				\$26.34	\$26.34	\$26.84	\$27.02	\$26.99
2032				\$27.24	\$27.24	\$27.75	\$27.93	\$27.89
2033				\$28.18	\$28.18	\$28.68	\$28.86	\$28.82
2034				\$29.14	\$29.14	\$29.65	\$29.83	\$29.79
2035				\$30.14	\$30.14	\$30.65	\$30.83	\$30.79
2036				\$31.18	\$31.18	\$31.68	\$31.86	\$31.82
2037				\$32.25	\$32.25	\$32.75	\$32.93	\$32.89
2038				\$33.35	\$33.35	\$33.86	\$34.04	\$34.00
2039				\$34.50	\$34.50	\$35.00	\$35.18	\$35.15
2040				\$35.68	\$35.68	\$36.19	\$36.37	\$36.33
2041				\$36.91	\$36.91	\$37.41	\$37.59	\$37.56
2042				\$38.18	\$38.18	\$38.68	\$38.86	\$38.83
2043				\$39.49	\$39.49	\$40.00	\$40.18	\$40.14
2044				\$40.85	\$40.85	\$41.35	\$41.53	\$41.50
2045				\$42.26	\$42.26	\$42.76	\$42.94	\$42.90
2046				\$43.71	\$43.71	\$44.21	\$44.39	\$44.36
2047				\$45.21	\$45.21	\$45.72	\$45.90	\$45.86
2048				\$46.77	\$46.77	\$47.27	\$47.45	\$47.42
2049				\$48.38	\$48.38	\$48.89	\$49.07	\$49.03
2050				\$50.05	\$50.05	\$50.55	\$50.73	\$50.70
2051				\$51.77	\$51.77	\$52.28	\$52.46	\$52.42
2052				\$53.56	\$53.56	\$54.06	\$54.24	\$54.20
2053				\$55.40	\$55.40	\$55.91	\$56.09	\$56.05

Fuel Cost Forecast 4 (Low Price): Natural Gas

YEAR	ZONE 1 FGT	ZONE 2 FGT	ZONE 3 FGT	ZONE 3 MOBILE		GULFSTREAM	GULFSTREAM	GULFSTREAM	GULFSTREAM	UPS	WILLIAMS -	PROGRESS	HENRY HUB	
	FIRM	FIRM	FIRM	BAY/DESTIN	FGT NON-FIRM	FIRM - SESH	FIRM - MOBILE	NON-FIRM	NON-FIRM	REPLACEMENT	TRANSSCO	ZONE 4		
	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU	
2007	\$4.97	\$5.05	\$5.27	\$5.34	\$5.55	\$5.20	\$5.61	\$5.86				\$5.04	\$5.21	\$4.82
2008	\$5.99	\$6.07	\$6.19	\$6.21	\$6.45	\$5.90	\$6.06	\$6.47	\$6.74			\$5.88	\$6.27	\$5.81
2009	\$6.20	\$6.28	\$6.37	\$6.37	\$6.60	\$6.07	\$6.21	\$6.62	\$6.89			\$6.07	\$6.49	\$6.01
2010	\$5.65	\$5.72	\$5.82	\$5.82	\$6.05	\$5.53	\$5.67	\$6.08	\$6.35	\$5.63				\$5.48
2011	\$5.36	\$5.44	\$5.53	\$5.53	\$5.76	\$5.29	\$5.43	\$5.84	\$6.11					\$5.20
2012	\$4.93	\$5.01	\$5.10	\$5.10	\$5.33	\$4.86	\$5.00	\$5.41	\$5.68	\$4.97				\$4.78
2013	\$5.10	\$5.17	\$5.26	\$5.26	\$5.50	\$5.03	\$5.17	\$5.58	\$5.85	\$5.13				\$4.94
2014	\$5.34	\$5.41	\$5.50	\$5.50	\$5.74	\$5.26	\$5.40	\$5.81	\$6.08	\$5.37				\$5.17
2015	\$5.65	\$5.73	\$5.82	\$5.82	\$6.05	\$5.57	\$5.71	\$6.12	\$6.39	\$5.68				\$5.48
2016	\$5.82	\$5.90	\$5.99	\$5.99	\$6.22	\$5.74	\$5.88	\$6.29	\$6.56					\$5.64
2017	\$6.00	\$6.07	\$6.16	\$6.16	\$6.40	\$5.91	\$6.05	\$6.46	\$6.73					\$5.81
2018	\$6.17	\$6.25	\$6.34	\$6.34	\$6.57	\$6.08	\$6.23	\$6.64	\$6.91					\$5.98
2019	\$6.49	\$6.57	\$6.66	\$6.66	\$6.90	\$6.40	\$6.54	\$6.95	\$7.23					\$6.29
2020	\$6.82	\$6.90	\$6.99	\$6.99	\$7.22	\$6.72	\$6.87	\$7.28	\$7.55					\$6.61
2021	\$7.07	\$7.15	\$7.24	\$7.24	\$7.47	\$6.97	\$7.11	\$7.52	\$7.80					\$6.85
2022	\$7.33	\$7.41	\$7.50	\$7.50	\$7.73	\$7.23	\$7.37	\$7.78	\$8.05					\$7.10
2023	\$7.60	\$7.68	\$7.77	\$7.77	\$8.00	\$7.49	\$7.64	\$8.04	\$8.32					\$7.36
2024	\$7.88	\$7.96	\$8.05	\$8.05	\$8.28	\$7.77	\$7.91	\$8.32	\$8.60					\$7.63
2025	\$8.17	\$8.25	\$8.34	\$8.34	\$8.57	\$8.06	\$8.20	\$8.61	\$8.88					\$7.91
2026	\$8.47	\$8.55	\$8.64	\$8.64	\$8.88	\$8.35	\$8.49	\$8.90	\$9.18					\$8.20
2027	\$8.79	\$8.86	\$8.95	\$8.95	\$9.19	\$8.66	\$8.80	\$9.21	\$9.49					\$8.50
2028	\$9.11	\$9.18	\$9.27	\$9.27	\$9.51	\$8.98	\$9.12	\$9.53	\$9.81					\$8.82
2029	\$9.44	\$9.52	\$9.61	\$9.61	\$9.85	\$9.31	\$9.45	\$9.86	\$10.14					\$9.14
2030	\$9.79	\$9.87	\$9.96	\$9.96	\$10.19	\$9.65	\$9.79	\$10.20	\$10.48					\$9.47
2031	\$10.15	\$10.23	\$10.32	\$10.32	\$10.55	\$10.00	\$10.15	\$10.55	\$10.84					\$9.82
2032	\$10.52	\$10.60	\$10.69	\$10.69	\$10.93	\$10.37	\$10.51	\$10.92	\$11.20					\$10.18
2033	\$10.91	\$10.99	\$11.08	\$11.08	\$11.31	\$10.75	\$10.89	\$11.30	\$11.59					\$10.56
2034	\$11.31	\$11.39	\$11.48	\$11.48	\$11.72	\$11.15	\$11.29	\$11.70	\$11.98					\$10.94
2035	\$11.73	\$11.80	\$11.89	\$11.89	\$12.13	\$11.56	\$11.70	\$12.11	\$12.39					\$11.34
2036	\$12.16	\$12.24	\$12.33	\$12.33	\$12.56	\$11.98	\$12.12	\$12.53	\$12.82					\$11.76
2037	\$12.61	\$12.68	\$12.77	\$12.77	\$13.01	\$12.42	\$12.56	\$12.97	\$13.26					\$12.19
2038	\$13.07	\$13.15	\$13.24	\$13.24	\$13.47	\$12.88	\$13.02	\$13.43	\$13.72					\$12.64
2039	\$13.55	\$13.63	\$13.72	\$13.72	\$13.95	\$13.35	\$13.49	\$13.90	\$14.19					\$13.10
2040	\$14.05	\$14.13	\$14.22	\$14.22	\$14.45	\$13.84	\$13.98	\$14.39	\$14.68					\$13.58
2041	\$14.57	\$14.64	\$14.73	\$14.73	\$14.97	\$14.35	\$14.49	\$14.90	\$15.19					\$14.08
2042	\$15.10	\$15.18	\$15.27	\$15.27	\$15.50	\$14.88	\$15.02	\$15.43	\$15.72					\$14.60
2043	\$15.66	\$15.73	\$15.82	\$15.82	\$16.06	\$15.42	\$15.57	\$15.97	\$16.27					\$15.13
2044	\$16.23	\$16.31	\$16.40	\$16.40	\$16.63	\$15.99	\$16.13	\$16.54	\$16.84					\$15.69
2045	\$16.83	\$16.90	\$16.99	\$16.99	\$17.23	\$16.58	\$16.72	\$17.13	\$17.43					\$16.26
2046	\$17.45	\$17.52	\$17.61	\$17.61	\$17.85	\$17.19	\$17.33	\$17.74	\$18.04					\$16.86
2047	\$18.09	\$18.16	\$18.25	\$18.25	\$18.49	\$17.82	\$17.96	\$18.37	\$18.67					\$17.48
2048	\$18.75	\$18.83	\$18.92	\$18.92	\$19.15	\$18.47	\$18.61	\$19.02	\$19.33					\$18.12
2049	\$19.44	\$19.52	\$19.61	\$19.61	\$19.84	\$19.15	\$19.29	\$19.70	\$20.01					\$18.79
2050	\$20.15	\$20.23	\$20.32	\$20.32	\$20.56	\$19.85	\$20.00	\$20.40	\$20.71					\$19.47
2051	\$20.89	\$20.97	\$21.06	\$21.06	\$21.30	\$20.58	\$20.72	\$21.13	\$21.44					\$20.19
2052	\$21.66	\$21.74	\$21.83	\$21.83	\$22.06	\$21.34	\$21.48	\$21.89	\$22.20					\$20.93
2053	\$22.46	\$22.53	\$22.62	\$22.62	\$22.86	\$22.12	\$22.26	\$22.67	\$22.98					\$21.70

Fuel Cost Forecast 4 (Low Price): Solid Fuel

YEAR	ST. JOHNS RIVER POWER				
	PLANT SCHERER	PARCK	ICL	CEDAR BAY	IGCC
	DISPATCH PRICE	DISPATCH PRICE	DISPATCH PRICE	DISPATCH PRICE	DISPATCH PRICE
	WITHOUT SO2 \$/MMBTU	WITHOUT SO2 \$/MMBTU	WITHOUT SO2 \$/MMBTU	WITHOUT SO2 \$/MMBTU	WITHOUT SO2 \$/MMBTU
2007	\$1.72	\$1.97	\$2.00	\$1.97	\$3.23
2008	\$1.75	\$2.32	\$2.34	\$2.32	\$2.77
2009	\$1.80	\$2.32	\$2.37	\$2.34	\$2.64
2010	\$1.84	\$2.30	\$2.37	\$2.35	\$2.67
2011	\$1.89	\$1.72	\$1.78	\$1.81	\$2.72
2012	\$1.93	\$1.74	\$1.81	\$1.83	\$2.75
2013	\$1.96	\$1.77	\$1.83	\$1.86	\$2.60
2014	\$2.00	\$1.79	\$1.85	\$1.88	\$2.63
2015	\$2.62	\$1.82	\$1.88	\$1.91	\$2.67
2016	\$2.66	\$1.84	\$1.91	\$1.94	\$2.72
2017	\$2.69	\$1.87	\$1.93	\$1.97	\$2.76
2018	\$2.73	\$1.90	\$1.96	\$2.00	\$2.81
2019	\$2.77	\$1.93	\$1.99	\$2.03	\$2.87
2020	\$2.82	\$1.96	\$2.02	\$2.06	\$2.92
2021	\$2.85	\$1.99	\$2.06	\$2.10	\$2.97
2022	\$2.89	\$2.03	\$2.09	\$2.13	\$3.02
2023	\$2.93	\$2.06	\$2.12	\$2.17	\$3.08
2024	\$2.97	\$2.10	\$2.16	\$2.21	\$3.14
2025	\$3.00	\$2.13	\$2.20	\$2.25	\$3.21
2026	\$3.04	\$2.17	\$2.24	\$2.29	\$3.27
2027	\$3.08	\$2.21	\$2.28	\$2.33	\$3.33
2028	\$3.12	\$2.25	\$2.32	\$2.37	\$3.39
2029	\$3.16	\$2.30	\$2.36	\$2.42	\$3.46
2030	\$3.21	\$2.34	\$2.40	\$2.46	\$3.52
2031	\$3.25	\$2.38	\$2.44	\$2.51	\$3.59
2032	\$3.30	\$2.42	\$2.49	\$2.55	\$3.66
2033	\$3.34	\$2.46	\$2.53	\$2.60	\$3.73
2034	\$3.39	\$2.51	\$2.57	\$2.64	\$3.79
2035	\$3.44	\$2.55	\$2.61	\$2.69	\$3.87
2036	\$3.49	\$2.59	\$2.66	\$2.73	\$3.94
2037	\$3.54	\$2.64	\$2.70	\$2.78	\$4.01
2038	\$3.59	\$2.69	\$2.75	\$2.83	\$4.09
2039	\$3.64	\$2.73	\$2.80	\$2.88	\$4.17
2040	\$3.69	\$2.78	\$2.84	\$2.93	\$4.25
2041	\$3.74	\$2.83	\$2.89	\$2.98	\$4.33
2042	\$3.80	\$2.88	\$2.94	\$3.03	\$4.41
2043	\$3.85	\$2.93	\$2.99	\$3.08	\$4.49
2044	\$3.91	\$2.98	\$3.05	\$3.14	\$4.58
2045	\$3.96	\$3.03	\$3.10	\$3.19	\$4.67
2046	\$4.02	\$3.09	\$3.15	\$3.25	\$4.76
2047	\$4.08	\$3.14	\$3.21	\$3.30	\$4.85
2048	\$4.14	\$3.20	\$3.26	\$3.36	\$4.94
2049	\$4.20	\$3.25	\$3.32	\$3.42	\$5.04
2050	\$4.26	\$3.31	\$3.37	\$3.48	\$5.13
2051	\$4.32	\$3.37	\$3.43	\$3.54	\$5.23
2052	\$4.38	\$3.43	\$3.49	\$3.60	\$5.33
2053	\$4.45	\$3.49	\$3.55	\$3.66	\$5.44

Fuel Cost Forecast 4 (Low Price): Residual Fuel Oil

YEAR	PORT EVERGLADES	PORT EVERGLADES	MANATEE 1%	TURKEY POINT 1%	INDIAN RIVER & CANAVERAL 1%	SANFORD 1%	RIVIERA 1%
	MARTIN 1%	1%	1%	1%	1%	1%	1%
	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU	\$/MMBTU
2007	\$6.88	\$6.88	\$6.88	\$6.89	\$6.88	\$7.09	\$6.88
2008	\$7.74	\$7.74	\$7.74	\$7.75	\$7.74	\$7.95	\$7.74
2009	\$7.65	\$7.65	\$7.65	\$7.66	\$7.65	\$7.86	\$7.65
2010	\$7.50	\$7.50	\$7.50	\$7.51	\$7.50	\$7.71	\$7.50
2011	\$7.70	\$7.70	\$7.70	\$7.71	\$7.71	\$7.92	\$7.70
2012	\$7.89	\$7.89	\$7.89	\$7.90	\$7.90	\$8.10	\$7.89
2013	\$8.12	\$8.12	\$8.12	\$8.13	\$8.12	\$8.33	\$8.12
2014	\$8.37	\$8.37	\$8.37	\$8.38	\$8.38	\$8.59	\$8.37
2015	\$8.67	\$8.67	\$8.67	\$8.68	\$8.68	\$8.89	\$8.67
2016	\$9.08	\$9.08	\$9.08	\$9.09	\$9.08	\$9.29	\$9.08
2017	\$9.47	\$9.47	\$9.48	\$9.48	\$9.48	\$9.69	\$9.47
2018	\$9.86	\$9.86	\$9.86	\$9.87	\$9.86	\$10.07	\$9.86
2019	\$10.25	\$10.25	\$10.25	\$10.26	\$10.26	\$10.47	\$10.25
2020	\$10.65	\$10.65	\$10.65	\$10.66	\$10.65	\$10.86	\$10.65
2021	\$11.03	\$11.03	\$11.03	\$11.04	\$11.03	\$11.24	\$11.03
2022	\$11.42	\$11.42	\$11.42	\$11.43	\$11.42	\$11.63	\$11.42
2023	\$11.83	\$11.83	\$11.83	\$11.84	\$11.83	\$12.04	\$11.83
2024	\$12.25	\$12.25	\$12.25	\$12.26	\$12.25	\$12.46	\$12.25
2025	\$12.69	\$12.69	\$12.69	\$12.70	\$12.69	\$12.90	\$12.69
2026	\$13.15	\$13.14	\$13.15	\$13.16	\$13.15	\$13.36	\$13.15
2027	\$13.62	\$13.62	\$13.62	\$13.63	\$13.62	\$13.83	\$13.62
2028	\$14.11	\$14.11	\$14.11	\$14.12	\$14.11	\$14.32	\$14.11
2029	\$14.62	\$14.62	\$14.62	\$14.63	\$14.62	\$14.83	\$14.62
2030	\$15.14	\$15.14	\$15.15	\$15.15	\$15.15	\$15.36	\$15.14
2031	\$15.69	\$15.69	\$15.69	\$15.70	\$15.69	\$15.90	\$15.69
2032	\$16.26	\$16.26	\$16.26	\$16.27	\$16.26	\$16.47	\$16.26
2033	\$16.85	\$16.85	\$16.85	\$16.86	\$16.85	\$17.06	\$16.85
2034	\$17.46	\$17.46	\$17.46	\$17.47	\$17.46	\$17.67	\$17.46
2035	\$18.09	\$18.09	\$18.09	\$18.10	\$18.10	\$18.31	\$18.09
2036	\$18.75	\$18.75	\$18.75	\$18.76	\$18.76	\$18.96	\$18.75
2037	\$19.43	\$19.43	\$19.44	\$19.44	\$19.44	\$19.65	\$19.43
2038	\$20.14	\$20.14	\$20.14	\$20.15	\$20.15	\$20.36	\$20.14
2039	\$20.88	\$20.88	\$20.88	\$20.89	\$20.88	\$21.09	\$20.88
2040	\$21.64	\$21.64	\$21.64	\$21.65	\$21.64	\$21.85	\$21.64
2041	\$22.43	\$22.43	\$22.43	\$22.44	\$22.43	\$22.64	\$22.43
2042	\$23.25	\$23.25	\$23.25	\$23.26	\$23.26	\$23.46	\$23.25
2043	\$24.10	\$24.10	\$24.10	\$24.11	\$24.11	\$24.32	\$24.10
2044	\$24.99	\$24.99	\$24.99	\$25.00	\$24.99	\$25.20	\$24.99
2045	\$25.90	\$25.90	\$25.90	\$25.91	\$25.91	\$26.12	\$25.90
2046	\$26.85	\$26.85	\$26.86	\$26.86	\$26.86	\$27.07	\$26.85
2047	\$27.84	\$27.84	\$27.84	\$27.85	\$27.84	\$28.05	\$27.84
2048	\$28.86	\$28.86	\$28.86	\$28.87	\$28.87	\$29.08	\$28.86
2049	\$29.93	\$29.93	\$29.93	\$29.94	\$29.93	\$30.14	\$29.93
2050	\$31.03	\$31.03	\$31.03	\$31.04	\$31.03	\$31.24	\$31.03
2051	\$32.17	\$32.17	\$32.17	\$32.18	\$32.17	\$32.38	\$32.17
2052	\$33.36	\$33.36	\$33.36	\$33.37	\$33.36	\$33.57	\$33.36
2053	\$34.59	\$34.59	\$34.59	\$34.60	\$34.59	\$34.80	\$34.59

Fuel Cost Forecast 4 (Low Price): Distillate Oil

YEAR	SHADY HILLS	DESOTO	OLEANDER	PORT		FT MYERS	PUTNAM	MARTIN &
	<u>\$/MMBTU</u>	<u>\$/MMBTU</u>	<u>\$/MMBTU</u>	EVERGLADES	LAUDERDALE	<u>\$/MMBTU</u>	<u>\$/MMBTU</u>	WCEC
	<u>\$/MMBTU</u>							
2007	\$11.54	\$11.60	\$11.62	\$11.15	\$11.15	\$11.54	\$11.68	\$11.65
2008				\$12.13	\$12.13	\$12.52	\$12.66	\$12.63
2009				\$11.92	\$11.92	\$12.32	\$12.46	\$12.43
2010				\$9.62	\$9.62	\$10.01	\$10.15	\$10.12
2011				\$9.76	\$9.76	\$10.15	\$10.29	\$10.27
2012				\$10.52	\$10.52	\$10.91	\$11.05	\$11.02
2013				\$10.91	\$10.91	\$11.31	\$11.45	\$11.42
2014				\$11.30	\$11.30	\$11.70	\$11.84	\$11.81
2015				\$11.68	\$11.68	\$12.07	\$12.21	\$12.19
2016				\$12.18	\$12.18	\$12.58	\$12.72	\$12.69
2017				\$12.69	\$12.69	\$13.09	\$13.23	\$13.20
2018				\$13.20	\$13.20	\$13.60	\$13.74	\$13.71
2019				\$13.72	\$13.72	\$14.11	\$14.26	\$14.23
2020				\$14.24	\$14.24	\$14.63	\$14.77	\$14.75
2021				\$14.72	\$14.72	\$15.12	\$15.26	\$15.23
2022				\$15.23	\$15.23	\$15.62	\$15.76	\$15.73
2023				\$15.75	\$15.75	\$16.14	\$16.28	\$16.25
2024				\$16.28	\$16.28	\$16.68	\$16.82	\$16.79
2025				\$16.84	\$16.84	\$17.23	\$17.37	\$17.35
2026				\$17.41	\$17.41	\$17.81	\$17.95	\$17.92
2027				\$18.01	\$18.01	\$18.40	\$18.55	\$18.52
2028				\$18.63	\$18.63	\$19.02	\$19.16	\$19.13
2029				\$19.26	\$19.26	\$19.66	\$19.80	\$19.77
2030				\$19.92	\$19.92	\$20.32	\$20.46	\$20.43
2031				\$20.60	\$20.60	\$21.00	\$21.14	\$21.11
2032				\$21.31	\$21.31	\$21.70	\$21.85	\$21.82
2033				\$22.04	\$22.04	\$22.44	\$22.58	\$22.55
2034				\$22.80	\$22.80	\$23.19	\$23.33	\$23.30
2035				\$23.58	\$23.58	\$23.97	\$24.11	\$24.09
2036				\$24.39	\$24.39	\$24.78	\$24.92	\$24.89
2037				\$25.22	\$25.22	\$25.62	\$25.76	\$25.73
2038				\$26.09	\$26.09	\$26.48	\$26.63	\$26.60
2039				\$26.99	\$26.99	\$27.38	\$27.52	\$27.49
2040				\$27.91	\$27.91	\$28.31	\$28.45	\$28.42
2041				\$28.87	\$28.87	\$29.27	\$29.41	\$29.38
2042				\$29.87	\$29.87	\$30.26	\$30.40	\$30.37
2043				\$30.89	\$30.89	\$31.29	\$31.43	\$31.40
2044				\$31.95	\$31.95	\$32.35	\$32.49	\$32.46
2045				\$33.05	\$33.05	\$33.45	\$33.59	\$33.56
2046				\$34.19	\$34.19	\$34.59	\$34.73	\$34.70
2047				\$35.37	\$35.37	\$35.76	\$35.90	\$35.88
2048				\$36.59	\$36.59	\$36.98	\$37.12	\$37.09
2049				\$37.85	\$37.85	\$38.24	\$38.38	\$38.35
2050				\$39.15	\$39.15	\$39.54	\$39.69	\$39.66
2051				\$40.50	\$40.50	\$40.89	\$41.03	\$41.01
2052				\$41.89	\$41.89	\$42.29	\$42.43	\$42.40
2053				\$43.34	\$43.34	\$43.73	\$43.87	\$43.85

Appendix E

Nuclear Fuel Costs \$/MMBTU

Year					Proposed	Proposed
	St Lucie #1	St Lucie #2	Turkey Pt #3	Turkey Pt #4	Turkey Pt #6	Turkey Pt #7
2007	0.442	0.461	0.426	0.423	--	--
2008	0.550	0.531	0.609	0.603	--	--
2009	0.645	0.566	0.681	0.645	--	--
2010	0.741	0.588	0.700	0.783	--	--
2011	0.782	0.760	0.763	0.788	--	--
2012	0.802	0.779	0.782	0.807	--	--
2013	0.822	0.798	0.801	0.827	--	--
2014	0.842	0.818	0.821	0.848	--	--
2015	0.863	0.838	0.842	0.869	--	--
2016	0.885	0.859	0.863	0.891	--	--
2017	0.907	0.881	0.884	0.913	--	--
2018	0.930	0.903	0.906	0.936	0.872	0.000
2019	0.953	0.925	0.929	0.960	0.867	0.000
2020	0.977	0.949	0.952	0.984	0.956	0.872
2021	1.001	0.972	0.976	1.008	1.041	0.867
2022	1.026	0.997	1.001	1.033	1.036	0.956
2023	1.052	1.021	1.026	1.059	0.982	1.041
2024	1.078	1.047	1.051	1.086	1.007	1.036
2025	1.105	1.073	1.077	1.113	1.032	0.982
2026	1.133	1.100	1.104	1.141	1.058	1.007
2027	1.161	1.128	1.132	1.169	1.084	1.032
2028	1.190	1.156	1.160	1.198	1.111	1.058
2029	1.220	1.185	1.189	1.228	1.139	1.084
2030	1.251	1.214	1.317	1.259	1.168	1.111
2031	1.282	1.245	1.970	1.549	1.197	1.139
2032	1.314	1.276	1.898	1.905	1.227	1.168
2033	1.347	1.308	--	1.991	1.258	1.197
2034	1.574	1.340	--	--	1.289	1.227
2035	2.258	1.374	--	--	1.321	1.258
2036	2.129	1.408	--	--	1.354	1.289
2037	--	1.443	--	--	1.388	1.321
2038	--	1.479	--	--	1.423	1.354
2039	--	1.516	--	--	1.458	1.388
2040	--	1.554	--	--	1.495	1.423
2041	--	1.593	--	--	1.532	1.458
2042	--	1.633	--	--	1.570	1.495
2043	--	1.674	--	--	1.610	1.532
2044	--	--	--	--	1.650	1.570
2045	--	--	--	--	1.691	1.610
2046	--	--	--	--	1.733	1.650
2047	--	--	--	--	1.777	1.691
2048	--	--	--	--	1.821	1.733
2049	--	--	--	--	1.867	1.777
2050	--	--	--	--	1.913	1.821
2051	--	--	--	--	1.961	1.867
2052	--	--	--	--	2.010	1.913
2053	--	--	--	--	2.061	1.961
2054	--	--	--	--	2.112	2.010
2055	--	--	--	--	2.165	2.061
2056	--	--	--	--	2.219	2.112
2057	--	--	--	--	2.274	2.165
2058	--	--	--	--	2.331	2.219
2059	--	--	--	--	2.390	2.274
2060	--	--	--	--	2.449	2.331

Appendix F

Environmental Compliance Costs

(nominal \$ per ton)

SO ₂ :	Year	ENV I	ENV II	ENV III	ENV IV
	----	----	----	----	----
	2007	970	888	867	867
	2008	1,062	972	950	950
	2009	1,163	1,065	1,040	1,040
	2010	1,273	1,165	1,138	1,138
	2011	1,394	1,276	1,247	1,247
	2012	1,527	1,398	1,366	1,366
	2013	1,673	1,532	1,496	1,496
	2014	1,833	1,677	1,639	1,639
	2015	2,007	1,838	1,793	1,793
	2016	2,198	2,013	1,964	1,964
	2017	2,406	2,203	2,149	2,149
	2018	2,633	2,411	2,353	2,353
	2019	2,881	2,638	2,576	2,576
	2020	3,153	2,888	2,818	2,818
	2021	3,454	3,163	3,088	3,088
	2022	3,783	3,465	3,383	3,383
	2023	4,144	3,795	3,704	3,704
	2024	4,539	4,155	4,057	4,057
	2025	4,972	4,552	4,444	4,444
	2026	5,168	4,679	4,419	4,419
	2027	5,373	4,810	4,395	4,395
	2028	5,587	4,944	4,369	4,369
	2029	5,808	5,083	4,345	4,345
	2030	6,038	5,224	4,320	4,320
	2031	6,189	5,395	4,489	4,489
	2032	6,344	5,571	4,665	4,665
	2033	6,503	5,753	4,847	4,847
	2034	6,665	5,941	5,037	5,037
	2035	6,832	6,135	5,234	5,234
	2036	7,003	6,336	5,439	5,439
	2037	7,178	6,543	5,652	5,652
	2038	7,357	6,756	5,874	5,874
	2039	7,541	6,977	6,104	6,104
	2040	7,730	7,205	6,343	6,343
	2041	7,923	7,440	6,591	6,591
	2042	8,121	7,683	6,849	6,849
	2043	8,324	7,934	7,118	7,118

Environmental Compliance Costs

(nominal \$ per ton)

NO _x :	Year	ENV I	ENV II	ENV III	ENV IV
	----	---	----	----	----
	2007	0	0	0	0
	2008	0	0	0	0
	2009	1,755	1,674	1,633	1,633
	2010	1,772	1,826	1,786	1,786
	2011	1,788	1,991	1,955	1,955
	2012	1,960	2,182	2,142	2,142
	2013	2,147	2,391	2,347	2,347
	2014	2,352	2,619	2,571	2,571
	2015	2,576	2,867	2,815	2,815
	2016	2,820	3,140	3,082	3,082
	2017	3,087	3,436	3,374	3,374
	2018	3,377	3,761	3,693	3,693
	2019	3,696	4,116	4,041	4,041
	2020	4,045	4,506	4,423	4,423
	2021	3,843	3,337	3,590	3,590
	2022	3,650	2,473	2,912	2,912
	2023	3,467	1,831	2,363	2,363
	2024	3,293	1,356	1,918	1,918
	2025	3,128	1,004	1,557	1,557
	2026	3,158	1,100	0	0
	2027	3,187	1,205	0	0
	2028	3,217	1,320	0	0
	2029	3,247	1,445	0	0
	2030	3,276	1,583	0	0
	2031	3,358	1,635	0	0
	2032	3,442	1,688	0	0
	2033	3,528	1,744	0	0
	2034	3,616	1,801	0	0
	2035	3,706	1,859	0	0
	2036	3,799	1,920	0	0
	2037	3,894	1,983	0	0
	2038	3,991	2,048	0	0
	2039	4,091	2,114	0	0
	2040	4,193	2,184	0	0
	2041	4,298	2,255	0	0
	2042	4,406	2,328	0	0
	2043	4,516	2,405	0	0

Environmental Compliance Costs

(nominal \$ per ton)

CO ₂ :	Year	ENV I	ENV II	ENV III	ENV IV
	---	---	---	---	---
	2007	0	0	0	0
	2008	0	0	0	0
	2009	0	0	0	0
	2010	7	0	11	15
	2011	7	2	13	17
	2012	7	5	14	19
	2013	9	8	15	19
	2014	9	9	16	21
	2015	10	11	18	23
	2016	10	13	20	26
	2017	11	16	22	28
	2018	12	19	23	30
	2019	13	22	25	33
	2020	13	26	29	38
	2021	13	28	31	41
	2022	15	32	35	45
	2023	16	35	37	49
	2024	16	38	42	54
	2025	16	41	44	58
	2026	17	44	49	63
	2027	17	47	53	69
	2028	18	49	60	78
	2029	18	51	65	85
	2030	19	52	70	92
	2031	19	54	73	95
	2032	19	55	76	99
	2033	20	57	79	103
	2034	20	59	83	107
	2035	21	61	86	112
	2036	22	63	89	116
	2037	22	65	93	121
	2038	23	67	97	126
	2039	23	70	100	131
	2040	24	72	104	136
	2041	24	74	108	141
	2042	25	77	113	147
	2043	26	79	117	152

Appendix F

Environmental Compliance Costs

(nominal \$ per lb)

Hg:	Year	ENV I	ENV II	ENV III	ENV IV
	----	----	----	----	----
	2007	-	-	-	-
	2008	-	-	-	-
	2009	-	-	-	-
	2010	28,303	29,986	29,832	29,832
	2011	29,252	29,680	29,533	29,533
	2012	30,232	29,377	29,237	29,237
	2013	31,246	29,077	28,943	28,943
	2014	33,238	30,270	30,134	30,134
	2015	36,394	33,145	32,994	32,994
	2016	39,851	36,292	36,127	36,127
	2017	43,616	39,723	39,540	39,540
	2018	47,738	43,354	43,276	43,276
	2019	52,250	47,588	47,366	47,366
	2020	57,188	52,085	51,840	51,840
	2021	62,637	57,050	56,782	56,782
	2022	68,607	62,487	62,195	62,195
	2023	75,144	68,443	68,123	68,123
	2024	82,305	74,966	74,617	74,617
	2025	90,148	82,109	81,746	81,746
	2026	98,743	89,935	89,520	89,520
	2027	108,154	98,505	98,052	98,052
	2028	118,465	107,892	107,398	107,398
	2029	129,758	118,173	117,636	117,636
	2030	142,127	129,435	128,847	128,847
	2031	146,770	132,671	133,893	133,893
	2032	151,564	135,988	139,137	139,137
	2033	156,515	139,387	144,586	144,586
	2034	161,628	142,872	150,248	150,248
	2035	166,908	146,444	156,132	156,132
	2036	172,360	150,105	162,246	162,246
	2037	177,991	153,857	168,600	168,600
	2038	183,805	157,704	175,203	175,203
	2039	189,809	161,647	182,064	182,064
	2040	196,010	165,688	189,194	189,194
	2041	202,413	169,830	196,603	196,603
	2042	209,025	174,076	204,302	204,302
	2043	215,853	178,428	212,303	212,303

Appendix G

Financial and Economic Assumptions

I. FPL Capital Structure, Discount Rate, and AFUDC Rate:

a) Projected Capitalization Ratios and Projected Cost of Capital:

Component	Ratio	Cost
Debt	44.20%	6.43%
Preferred	0%	0%
Equity	55.80%	11.75%

b) Projected Discount Rate = 8.40 % for generation costs and 8.30% for all other costs.

c) Projected AFUDC Rates

Year	Rate (%)
2007	7.42
2008	8.03
2009	8.17
2010	8.19
2011	8.20
2012 and beyond	8.19

d) Rate used for recovery of nuclear unit (pre-tax AFUDC) = 11.04%

II. Tax Assumptions:

- a) Composite Effective Income Tax Rate (Federal and State tax rates adjusted for federal production tax credits for each unit) =
35.100% for generation facilities
38.575% for transmission facilities
- b) Combined Cycle Book Life = 25 years
- c) Combined Cycle Tax Depreciation Life = 20 years
- d) Transmission Book Life = 40 years
- e) Transmission Tax Depreciation Life = 15 years

III. General Inflation Rate = 2.5%

Appendix H

Revenue Requirements Including Carrying Costs of Construction

Overnight Cost (in 2007 \$/kW) 1.0

		Turkey Point 6						
		Site Selection costs (\$ 000)	Pre-construction cash-flows I (\$ 000)	Construction cash-flows (\$ 000)	Site selection and Pre-construction AFUDC (\$ 000)	Construction CCC (\$ 000)	Construction Revenue Requirements (\$ 000)	Total Revenue Requirements (\$ 000)
1	2007	2.23	0.00	0.00	0	0.00	0.00	0.00
2	2008	0.00	13.06	0.00	0	0.00	0.00	0.00
3	2009	0.00	14.06	0.00	31.10	0.00	0.00	31.10
4	2010	0.00	25.73	0.00	27.57	0.00	0.00	27.57
5	2011	0.00	26.37	0.00	29.33	0.00	0.00	29.33
6	2012	0.00	0.00	201.85	3.52	11.14	0.00	14.66
7	2013	0.00	0.00	258.34	3.52	36.54	0.00	40.06
8	2014	0.00	0.00	264.14	3.52	65.39	0.00	68.90
9	2015	0.00	0.00	292.50	3.52	96.11	0.00	99.63
10	2016	0.00	0.00	278.50	3.52	127.63	0.00	131.15
11	2017	0.00	0.00	188.88	3.52	153.43	0.00	156.95
12	2018	0.00	0.00	191.76	1.46	72.68	169.83	243.98
13	2019	0	0	0	0.00	0.00	282.11	282.11
14	2020	0	0	0	0.00	0.00	270.63	270.63
15	2021	0	0	0	0.00	0.00	259.86	259.86
16	2022	0	0	0	0.00	0.00	249.74	249.74
17	2023	0	0	0	0.00	0.00	240.21	240.21
18	2024	0	0	0	0.00	0.00	231.09	231.09
19	2025	0	0	0	0.00	0.00	222.10	222.10
20	2026	0	0	0	0.00	0.00	213.11	213.11
21	2027	0	0	0	0.00	0.00	204.12	204.12
22	2028	0	0	0	0.00	0.00	195.13	195.13
23	2029	0	0	0	0.00	0.00	186.14	186.14
24	2030	0	0	0	0.00	0.00	177.14	177.14
25	2031	0	0	0	0.00	0.00	168.15	168.15
26	2032	0	0	0	0.00	0.00	159.16	159.16
27	2033	0	0	0	0.00	0.00	151.35	151.35
28	2034	0	0	0	0.00	0.00	145.89	145.89
29	2035	0	0	0	0.00	0.00	141.62	141.62
30	2036	0	0	0	0.00	0.00	137.35	137.35
31	2037	0	0	0	0.00	0.00	133.07	133.07
32	2038	0	0	0	0.00	0.00	128.80	128.80
33	2039	0	0	0	0.00	0.00	124.52	124.52
34	2040	0	0	0	0.00	0.00	120.25	120.25
35	2041	0	0	0	0.00	0.00	115.97	115.97
36	2042	0	0	0	0.00	0.00	111.70	111.70
37	2043	0	0	0	0.00	0.00	107.43	107.43
38	2044	0	0	0	0.00	0.00	103.15	103.15
39	2045	0	0	0	0.00	0.00	98.88	98.88
40	2046	0	0	0	0.00	0.00	94.60	94.60
41	2047	0	0	0	0.00	0.00	90.33	90.33
42	2048	0	0	0	0.00	0.00	86.06	86.06
43	2049	0	0	0	0.00	0.00	81.78	81.78
44	2050	0	0	0	0.00	0.00	77.51	77.51
45	2051	0	0	0	0.00	0.00	73.23	73.23
46	2052	0	0	0	0.00	0.00	68.96	68.96
47	2053	0	0	0	0.00	0.00	64.68	64.68
48	2054	0	0	0	0.00	0.00	60.41	60.41
49	2055	0	0	0	0.00	0.00	56.14	56.14
50	2056	0	0	0	0.00	0.00	51.86	51.86
51	2057	0	0	0	0.00	0.00	47.59	47.59
52	2058	0	0	0	0.00	0.00	0.00	0.00
53	2059	0	0	0	0.00	0.00	0.00	0.00
54	2060	0	0	0	0.00	0.00	0.00	0.00
Total CPVRR TP6								1,352.71

		Turkey Point 7						
		Site Selection costs (\$ 000)	Pre-construction cash-flows I (\$ 000)	Construction cash-flows (\$ 000)	Site selection and Pre-construction AFUDC (\$ 000)	Construction CCC (\$ 000)	Construction Revenue Requirements (\$ 000)	Total Revenue Requirements (\$ 000)
1	2007	0	0	0	0	0	0	0
2	2008	0	0	0	0	0	0	0
3	2009	0	0	0	0	0	0	0
4	2010	0	0	0	0	0	0	0
5	2011	0	0	0	0	0	0	0
6	2012	0	0	0	0	0	0	0
7	2013	0	0	32	0	2	0	2
8	2014	0	0	88	0	8	0	8
9	2015	0	0	161	0	22	0	22
10	2016	0	0	223	0	43	0	43
11	2017	0	0	170	0	65	0	65
12	2018	0	0	131	0	82	0	82
13	2019	0	0	87	0	94	0	94
14	2020	0	0	47	0	42	94	136
15	2021	0	0	0	0	0	156	156
16	2022	0	0	0	0	16	150	150
17	2023	0	0	0	0	0	144	144
18	2024	0	0	0	0	0	138	138
19	2025	0	0	0	0	0	133	133
20	2026	0	0	0	0	0	128	128
21	2027	0	0	0	0	0	123	123
22	2028	0	0	0	0	0	118	118
23	2029	0	0	0	0	0	113	113
24	2030	0	0	0	0	0	108	108
25	2031	0	0	0	0	0	104	104
26	2032	0	0	0	0	0	99	99
27	2033	0	0	0	0	0	94	94
28	2034	0	0	0	0	0	89	89
29	2035	0	0	0	0	0	85	85
30	2036	0	0	0	0	0	82	82
31	2037	0	0	0	0	0	79	79
32	2038	0	0	0	0	0	77	77
33	2039	0	0	0	0	0	74	74
34	2040	0	0	0	0	0	72	72
35	2041	0	0	0	0	0	70	70
36	2042	0	0	0	0	0	67	67
37	2043	0	0	0	0	0	65	65
38	2044	0	0	0	0	0	62	62
39	2045	0	0	0	0	0	60	60
40	2046	0	0	0	0	0	58	58
41	2047	0	0	0	0	0	55	55
42	2048	0	0	0	0	0	53	53
43	2049	0	0	0	0	0	50	50
44	2050	0	0	0	0	0	48	48
45	2051	0	0	0	0	0	46	46
46	2052	0	0	0	0	0	43	43
47	2053	0	0	0	0	0	41	41
48	2054	0	0	0	0	0	38	38
49	2055	0	0	0	0	0	36	36
50	2056	0	0	0	0	0	34	34
51	2057	0	0	0	0	0	31	31
52	2058	0	0	0	0	0	29	29
53	2059	0	0	0	0	0	26	26
54	2060	0	0	0	0	0	0	0
Total CPVRR TP7								620.61

Total CPVRR - both units **1,973.32**

Notes:

- The overnight cost of both units in 2007 \$ would be obtained by multiplying the \$1/kw cost * 2 units * 1100 Mw per unit *1000
- The cost figures above are in thousands of dollars.
- CPVRR = Cumulative Present Value Revenue Requirements
- CCC = Carrying Costs of Construction

Appendix I

FPL's New Generating Unit Options (Non-Nuclear)

In-service year	3 x 1 CC 2011	2 x 1 CC 2017	3 x 1 CC 2018	IGCC 2018	2 x 1 CC 2021
<u>All costs are shown in in-service year \$s</u>	G Moderate Duct Fired Greenfield	G Moderate Duct Fired Greenfield	G Moderate Duct Fired Greenfield	2 x 1 CC Greenfield	7FA Moderate Duct Fired Greenfield
I. Construction Costs (\$1,000)					
Total Direct Cost	\$686,572	\$613,160	\$816,118	\$2,149,854	\$457,804
Total Indirect Cost	\$104,862	\$93,446	\$124,648	\$486,128	\$103,147
Total Other Cost (transmission interconnection)	\$26,492	\$23,042	\$31,490	\$147,610	\$35,324
Grand Total Cost (In Service Year)	\$817,925	\$729,648	\$972,256	\$2,783,592	\$596,275
II. Plant Characteristics (Unit Average)					
Net Sum 95FCapability (mw) - Base	1115	743	1115	600	492
Net Win 35F Capability (mw) - Base	1246	831	1246	692	543
Heat Rate btu/kwh 75F100% -Base	6,582	6,582	6,582	9,250	6,885
Duct Firing-Incremental from Base Sum MW 95F	104	69	104	n/a	48
Duct Firing-Incremental from Base Win MW 35F	89	59	89	n/a	47
Duct Firing-Incremental from Base Ann Avg Heat Rate 75F	8,770	8,770	8,770	n/a	8,620
Peak Firing- Incremental from Base Sum MW 95F	0	0	0	n/a	13
Peak Firing- Incremental from Base Win MW 35F	0	0	0	n/a	0
Peak Firing- Incremental from Base Ann Avg Heat Rate 75F	n/a	n/a	n/a	n/a	5,500
Annual Availability	96.8%	96.8%	96.8%	80.0%	97.0%
Ramp Rate (MW/Minute)	30	30	30	20	20
Minimum Load	320	320	320	180	180
III. Operation Costs					
Fixed O&M (\$/kw-yr)(Summer Peak Output)	4.4	6.5	5.2	53.5	10.6
Variable (excl. fuel) (\$/mwh) (Summer Peak Output @ 85% CF)	0.7	0.8	0.8	5.3	0.9
Capital Replace (\$/kw-yr)(Summer Peak Output)	10.8	12.1	12.8	38.6	15.8
IV. Emission Rates					
NOx Emission Rates (lb/mmbtu)	0.010	0.010	0.010	0.015	0.010
SO2 Emission Rates (lb/mmbtu)	0.006	0.006	0.006	0.023	0.006
CO2 (lb/mmbtu)	119	119	119	213	119
Mercury, Hg (lb/Tbtu) (T=trillion)	0.000	0.000	0.000	0.500	0.000
V. Spending Curves (1,000) \$					
Year 7				\$55,698	
Year 6				\$250,543	
Year 5	\$1,656	\$1,536	\$1,968	\$556,718	\$1,272
Year 4	\$56,736	\$50,563	\$67,441	\$1,113,437	\$41,259
Year 3	\$469,672	\$418,972	\$558,293	\$556,718	\$342,364
Year 2	\$222,529	\$198,541	\$264,517	\$222,661	\$162,209
Year 1	\$67,333	\$60,036	\$80,037	\$27,816	\$49,171

Note:

* The costs of the 2018 in-service 3 x 1 G CC and IGCC units shown above do not include transmission integration costs because sites for these assumed units are not known. However, for analysis purposes, it was assumed that for each of these technologies, building 2400 MW of capacity at a greenfield site will incur transmission costs of \$500 million (2007\$).

** The "Total Indirect Costs" for the IGCC unit also include \$32 million (2207\$) of solid fuel transportation costs (railroad cars and rail spur).

Appendix J

Construction Unit Cost Estimate Range Based on TVA Study - Two Unit ABWR Project, at 1,371 MW per unit	CASE A: TVA Study Adjusted to 2007\$ (Index 206/238) and Modified for FPL Owners Scope and PTN Site Cost Estimates		CASE B: Reduced Material Escalation (Index 170/192), Reduced Owner Scope, 10% lower Owners Costs, Low Transmission Estimate		CASE C: Increased Material Escalation (Index 242/284), Added Owner Scope, 10% higher Owner's Costs, High Labor & Transmission Estimate	
	2007 \$	\$/kWe	2007 \$	\$/kWe	2007 \$	\$/kWe
Power Plant Island and Supporting Construction						
Structure & Improvements	\$792,000,000	\$289	\$654,000,000	\$239	\$931,000,000	\$340
Reactor Plant Equipment	\$1,399,000,000	\$510	\$1,155,000,000	\$421	\$1,644,000,000	\$600
Turbine Plant Equipment	\$934,000,000	\$341	\$771,000,000	\$281	\$1,097,000,000	\$400
Electric Plant Equipment	\$413,000,000	\$151	\$333,000,000	\$121	\$493,000,000	\$180
Misc. Plant Equipment	\$146,000,000	\$53	\$118,000,000	\$43	\$174,000,000	\$63
Main Cond. Heat Reject Sys	\$84,000,000	\$31	\$84,000,000	\$31	\$84,000,000	\$31
Circ. Water Pumps & Pipe	\$26,000,000	\$9	\$26,000,000	\$9	\$26,000,000	\$9
Construction Labor, Manual	\$1,422,000,000	\$519	\$1,422,000,000	\$519	\$1,848,600,000	\$674
Construction Services	\$534,000,000	\$195	\$431,000,000	\$157	\$694,200,000	\$253
Engineers Home Office Services	\$834,000,000	\$304	\$834,000,000	\$304	\$1,084,200,000	\$395
Additional Required Scope	\$98,000,000	\$36	\$0	\$0	\$107,800,000	\$39
Allowance for Cost Risk	\$1,002,300,000	\$366	\$874,200,000	\$319	\$1,636,760,000	\$597
Subtotal	\$7,684,300,000	\$2,802	\$6,702,200,000	\$2,444	\$9,820,560,000	\$3,582
Owners Costs						
Security infrastructure	\$109,000,000	\$40	\$98,100,000	\$36	\$119,900,000	\$44
Cooling Towers	\$131,000,000	\$48	\$0	\$0	\$144,100,000	\$53
Aux Boilers	\$16,000,000	\$6	\$0	\$0	\$17,600,000	\$6
Switch Yard	\$93,000,000	\$34	\$83,700,000	\$31	\$102,300,000	\$37
Site work	\$257,000,000	\$94	\$231,300,000	\$84	\$282,700,000	\$103
EPC startup costs	\$139,000,000	\$51	\$125,100,000	\$46	\$152,900,000	\$56
Fuel	\$45,000,000	\$16	\$40,500,000	\$15	\$49,500,000	\$18
Site Security	\$91,000,000	\$33	\$81,900,000	\$30	\$100,100,000	\$37
Permits/Licensing	\$104,000,000	\$38	\$93,600,000	\$34	\$114,400,000	\$42
Other Owner costs	\$38,000,000	\$14	\$34,200,000	\$12	\$41,800,000	\$15
Owner Project Management	\$166,000,000	\$61	\$149,400,000	\$54	\$237,380,000	\$87
Owner Transition	\$192,000,000	\$70	\$172,800,000	\$63	\$274,560,000	\$100
Land Costs - Site	\$0	\$0	\$0	\$0	\$0	\$0
Land Costs - Offsite	\$0	\$0	\$0	\$0	\$0	\$0
Allowance for Cost Risk	\$207,150,000	\$76	\$166,590,000	\$61	\$327,448,000	\$119
Subtotal	\$1,588,150,000	\$579	\$1,277,190,000	\$466	\$1,964,688,000	\$717
Additional Project Related Costs						
Transmission Integration	\$512,000,000	\$187	\$471,000,000	\$172	\$553,000,000	\$202
Allowance for Cost Risk	\$76,800,000	\$28	\$70,650,000	\$26	\$110,600,000	\$40
Subtotal	\$588,800,000	\$215	\$541,650,000	\$198	\$663,600,000	\$242
Grand Total	\$9,861,250,000	\$3,596	\$8,521,040,000	\$3,108	\$12,448,848,000	\$4,540

Appendix K

FPL's Approved DSM Plan

FPL's Current DSM Programs

FPL's currently approved DSM programs are summarized as follows:

Residential Conservation Service: This is an energy audit program designed to assist residential customers in understanding how to make their homes more energy-efficient through the installation of conservation measures/practices.

Residential Building Envelope: This program encourages the installation of energy-efficient ceiling insulation, reflective roofs, and roof membranes in residential dwellings that utilize whole-house electric air conditioning.

Duct System Testing and Repair: This program encourages demand and energy conservation through the identification of air leaks in whole-house air conditioning duct systems and by the repair of these leaks by qualified contractors.

Residential Air Conditioning: This is a program to encourage customers to purchase higher efficiency central cooling and heating equipment.

Residential Load Management (On-Call): This program offers load control of major appliances/household equipment to residential customers in exchange for monthly electric bill credits.

New Construction (BuildSmart): This program encourages the design and construction of energy-efficient homes that cost-effectively reduce coincident peak demand and energy consumption.

Residential Low Income Weatherization: This program addresses the needs of low-income housing retrofits by providing monetary incentives to various housing authorities including: weatherization agency providers (WAPS), non-weatherization agency providers (non-WAPS), and other providers approved by FPL. The incentives are used by these providers to

leverage their funds to increase the overall energy efficiency of the homes they are retrofitting.

Business Energy Evaluation: This program encourages energy efficiency in both new and existing businesses by identifying DSM opportunities and providing recommendations to business customers.

Business Heating, Ventilating, and Air Conditioning: This program encourages the use of high-efficiency heating, ventilation, and air conditioning (HVAC) systems for business customers.

Business Efficient Lighting: This program encourages the installation of energy-efficient lighting measures for business customers.

Business Custom Incentive: This program encourages business customers to implement unique energy conservation measures or projects not covered by other FPL programs.

Commercial/Industrial Load Control: This program reduces peak demand by controlling customer loads of 200 kW or greater during periods of extreme demand or capacity shortages in exchange for monthly electric bill credits. (This program was closed to new participants in 2000).

Commercial Demand Reduction: This program, which started in 2002, is similar to the Commercial/Industrial Load Control program mentioned above. It reduces peak demand by controlling customer loads of 200 kW or greater during periods of extreme demand or capacity shortages in exchange for monthly electric bill credits.

Business Building Envelope: This program encourages the installation of energy-efficient building envelope measures such as: roof/ceiling insulation, reflective roof coatings, and window treatments for business customers.

Business On Call: This program offers load control of central air conditioning units to both small non-demand-billed, and medium demand-billed, business customers in exchange for monthly electric bill credits.

Business Water Heating: This program encourages the installation of energy-efficient water heating equipment such as heat pump water heaters and heat recovery units for business customers.

Business Refrigeration: This program encourages the installation of qualifying controls and equipment that reduce electric strip heater usage in refrigeration equipment for business customers.

FPL's Renewable Program

Green Power Pricing: In November of 2004, FPL launched its Green Power Pricing Research Project (GPPRP) that was marketed as the *Sunshine Energy*® program. The object of the Project was to allow residential customers to sign up voluntarily and pay for energy produced by renewable resources, thus fostering the development of supplies of renewable energy that would not otherwise be developed. Project participants paid a monthly premium of \$9.75 per month for a 1,000 kWh block of renewable energy attributes. To supply the renewable energy for the Project, FPL entered into a contract with a supplier for the purchase of tradable renewable energy credits (TREC's). In addition, for every 10,000 residential participants, FPL agreed to cause to be built 150 kW of solar capacity in Florida. As a result of this Program construction of a 250 kW site in Sarasota is currently in progress with expected completion in October 2007. There are also several other smaller projects that have been completed, with additional projects underway.

On September 17, 2006, FPL filed a petition with the Commission to convert the GPPRP to a permanent program and to extend the program to business customers. On December 1, 2006, the Commission issued Order No. PSC-06-0924-TRF-EI in Docket No. 060577-EI approving this request.

FPL's Research and Development Initiatives

FPL continues to support research and development activities. Historically, FPL has performed extensive DSM research and development. FPL will continue such activities, not only through its Conservation Research and Development program (discussed below), but also through individual research projects. These efforts will examine a wide variety of

technologies that build on prior FPL research and will expand the research to new and promising technologies as they emerge.

Conservation Research and Development Program: FPL's Conservation Research and Development Program is designed to evaluate emerging conservation technologies to determine which are worthy of pursuing for program development and approval. FPL has researched a wide variety of technologies such as: condenser coil cleaner and coating, ultraviolet lights for evaporator coils, Energy Recovery Ventilators (ERV), fuel cell demonstrations, carbon dioxide (CO2) ventilation control, two-speed air handlers, and duct plenum repair. Many of the technologies examined have resulted in enhancements to existing programs or the development of new programs such as: Residential New Construction, Business Building Envelope, and Business On Call. FPL is currently investigating several technologies including: Cromer Cycle HVAC, commercial kitchen exhaust hoods, HVAC optimizers, and commercial refrigeration flow controls.

Residential Thermostat Load Control Pilot Project: On June 15, 2007 FPL filed a petition with the Commission for the Residential Thermostat Load Control Pilot Project. A typical barrier to customer acceptance of utility load control programs is reluctance to surrender control of heating and air conditioning appliances. Consequently, for an initial 24-month period, FPL is proposing to evaluate whether the benefits of the On-Call Program can be expanded through use of a new generation of communication and control technologies that put residential customers in charge of decisions that could lower energy costs, while allowing customers to override FPL control of their heating and air conditioning appliances. The Commission approved FPL's request on August 14, 2007.