

ATTACHMENT 1

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Table Staff-104

Summary of FPL Analysis Results Presented in the WCEC 3 and Conversions Determination of Need Filings

Resource Plan	From Which Filing?	Characteristics of Resource Plans				Economic Analysis Results	Non-Economic Analysis Results (for 2010-2017)			
		Resource Plan Includes Greenfield CC in 2013 ?	Resource Plan Includes WCEC 3 in 2011 ?	Resource Plan Includes Cape & Riviera Conversions ?	Reserve Margin Criterion	(millions, CPVRR, 2008-2040, 2008\$)	Cumulative SO2 Emissions (tons)	Cumulative NOX Emissions (tons)	Cumulative CO2 Emissions (million tons)	Cumulative Gas & Total Oil Usage (million mMBTU)
1) Staff's Modified Plan 1	Staff Interrogatory	No	No	No	15%	\$167,839	487,959	194,321	499	5,731
2) FPL's Resource Plan 8	WCEC 3	Yes	No	No	20%	\$168,105	453,874	165,901	493	5,655
3) FPL's Resource Plan 1 / Plan without Conversions *	WCEC 3 / Conversions *	No	Yes	No	20%	\$167,370	432,805	154,346	490	5,626
4) FPL's Plan with Conversions	Conversions	No	Yes	Yes	20%	\$166,913	409,576	134,713	485	5,567

* The resource plan with WCEC 3 in 2011 and no conversions was labeled as "Resource Plan 1" in the WCEC 3 filing and as "Resource Plan without Conversions" in the Conversions filing. This resource plan is the same in the two filings through 2038. In the Conversions filing, the analysis was extended from 2038 to 2040.

** All of the assumptions, including updated fuel and environmental compliance cost forecasts, that were used in FPL's Conversions filing were used to calculating the results shown.

Conclusions

FPL's Plan with Conversions (row 4 above), a resource plan that includes WCEC 3 in 2011 and the Cape Canaveral and Riviera conversions, is the best choice for FPL's customers for a number of reasons including those summarized below:

- (1) It is projected to be the lowest cost plan by at approx. \$1.2 billion CPVRR compared to Resource Plan 8 (row 3 above) that does not include either WCEC 3 in 2011 or the Conversions.
- (2) It is projected to result in the lowest FPL system emissions of CO2 and reduces CO2 by approx. 8 million tons through 2017 compared to Resource Plan 8.
- (3) It is projected to result in the lowest FPL system emissions of SO2 and reduces SO2 by approx. 44,000 tons through 2017 compared to Resource Plan 8.
- (4) It is projected to result in the lowest FPL system emissions of NOX and reduces NOX by approx. 31,000 tons through 2017 compared to Resource Plan 8.
- (5) It is projected to result in the lowest FPL system combined usage of oil and natural gas and reduces this fuel usage by approx. 89 million mMBTU through 2017 compared to Resource Plan 8.
- (6) It is designed to provide FPL's customers with reliable electric service by meeting FPL's 20% reserve margin.