

FPL's Responses to Staff's Third Set of Interrogatories Nos. 11-23, 24 (Redacted), 25.

Additional files contained on Staff Hearing Exhibits CD for Nos. 11a, 11b, 11c, 11d, and 12

QUESTION:

For all planned solar generation, please provide the annual and cumulative values over a 25 year period (in nominal and net present value) for each of the following categories: Equipment and Installation, Incremental Fixed O&M, Fuel Savings, Emissions Savings separated by type (CO₂, etc.), Avoided Replacement Costs, Avoided Capacity Purchases, Avoided Fixed O&M, Avoided Variable O&M and Transmission Upgrades. Please provide this response in electronic (Excel) format.

- a. Please explain in detail the assumptions, facts, and figures used to determine the value of each of the components evaluated in this analysis.
- b. Please explain whether FPL's generation only reserve margin was a factor in requiring avoided generation purchases or avoided replacement costs. If so, please provide a sensitivity of the analysis based upon Loss-of-Load-Probability and a 20 percent planning reserve margin criteria only and provide a revised annual and cumulative values (in nominal and net present value) for each category in electronic (Excel) format.
- c. Please explain whether FPL's emissions savings include CO₂ or CO₂ equivalent emissions. If so, please provide a sensitivity of the analysis without these costs and provide the revised annual and cumulative values (in nominal and net present value) for each category in electronic (Excel) format.
- d. Please explain whether FPL reviewed the cost-effectiveness of the generation upgrades using fuel price sensitivities. As part of this response, please provide a sensitivity of the fuel savings based upon a low fuel price forecast and a high fuel price forecast, with revised annual and cumulative values (in nominal and net present value) for each category in electronic (Excel) format.

RESPONSE:

- a. Please see explanation of each component evaluated in this analysis below. Also, please see Attachment 1 to this Interrogatory response for the annual and cumulative values of each of the components evaluated.

Solar Revenue Requirements:

Generation Capital – This category is the equipment and installation of the deployment of the 2017-2018 Universal Solar Energy Centers (includes capital cost, land cost, and transmission interconnection cost). Please also see Mr. Brannen's Exhibit WFB-7 for cost assumptions.

Incremental Fixed O&M – This category is the operation and maintenance (O&M) costs of the 2017-2018 Universal Solar Energy Centers.

Non-Solar (Avoided) Generation Costs:

Avoided Generation Capital – This category is the reduction in the capital costs of future FPL capacity avoided or deferred by the deployment of the 2017-2018 Universal Solar Energy Centers.

Avoided Fixed O&M – This category is the reduction in the fixed O&M costs of future FPL capacity avoided or deferred by the deployment of the 2017-2018 Universal Solar Energy Centers.

Avoided Transmission Interconnection – This category is the reduction in the transmission interconnection costs of future capacity avoided or deferred by the deployment of the 2017-2018 Universal Solar Energy Centers.

Avoided Capital Replacement – This category is the reduction in capital replacement (ongoing costs of parts) due to avoided or deferred future FPL capacity from the deployment of the 2017-2018 Universal Solar Energy Centers.

Incremental Gas Transport – This category is the reduction in firm gas transportation cost due to the deployment of the 2017-2018 Universal Solar Energy Centers.

Short-Term Purchases – This category is the avoided capacity payments that reflect reductions in short term (one year) power purchases avoided due to the deployment of the 2017-2018 Universal Solar Energy Centers. FPL acquires the power purchase from outside markets in order to meet the capacity need for that specific year.

Avoided System Cost:

Fuel Savings – This category shows system fuel savings resulting from the deployment of the 2017-2018 Universal Solar Energy Centers. These fuel savings are based and derived from FPL's fuel price forecast assumptions. Please see Mr. Enjamio's testimony exhibit JE-3 for this forecast.

Avoided Variable O&M – This category is the reduction in the variable O&M costs of FPL's conventional units from reduced operation caused by the deployment of the 2017-2018 Universal Solar Energy Centers.

Emissions Savings – This category is the reductions in FPL system emissions due to the deployment of the Universal Solar Energy Centers. The CO₂ component contributes approximately 99% of these savings. The CO₂ cost assumptions are obtained from ICF International.

- b. FPL interprets the phrase "...requiring avoided generation purchases or avoided replacement costs" in this interrogatory to mean short-term or long-term capacity additions.

FPL uses three criteria to evaluate the reliability and adequacy of its generation system: 20% total reserve margin (RM), 10% generation-only reserve margin (GRM), and LOLP. FPL's Resource Plan is based on the concurrent application of all three criteria. If FPL ignored its GRM criterion, and developed a resource plan based solely on the total RM and LOLP criteria, then the total RM criterion would dictate the timing of capacity additions.

FPL has developed alternate “No Solar” and “2017-2018 Solar” cases ignoring the use of the GRM criteria. These alternate resource plans are presented in the table below. As shown in this table, the resulting plans are very similar to the one that FPL presented in its filing. A second table (see attachment 2), shows the economic analysis of the 2017-2018 SoBRA projects using the alternate resource plans.

Year	No Solar Resource Plan	2017-2018 Solar Resource Plan
2017		298 MW 2017 Solar
2018		298 MW 2018 Solar
2019	Okeechobee 3x1 CC Unit	Okeechobee 3x1 CC Unit
2020		
2021		
2022		
2023		
2024	1-year 33 MW PPA	
2025	1 Greenfield 3x1 CC Unit	1-year 119 MW PPA
2026		1 Greenfield 3x1 CC Unit
2027		
2028	1-year 20 MW PPA	
2029	1 Greenfield 3x1 CC Unit	1-year 287 MW PPA
2030		1 Greenfield 3x1 CC Unit
2031	Turkey Point 6	Turkey Point 6
2032	Turkey Point 7	Turkey Point 7
2033	Equalizing 599 MW CC	Equalizing 291 MW CC

- c. Yes, FPL’s emissions savings for these Universal Solar Energy Centers did include costs for CO₂ emissions. This is consistent with FPL’s current resource planning analysis. Please refer to Part d. below which shows various sensitivities of fuel and CO₂ costs, including no CO₂ emission costs.

- d. FPL reviewed the cost-effectiveness of the generation upgrades using various fuel and CO₂ sensitivities. Please see Attachment 3 to this Interrogatory response for the results of these sensitivities. As the attachment shows, the 2017-2018 Universal Solar Energy Centers are cost effective in 6 out of the 9 fuel and CO₂ sensitivities. ENV I assumes the low environmental compliance costs, ENV II assumes the “most likely” environmental compliance costs, and ENV III assumes the high environmental compliance costs. All CO₂ cost projections are provided by and based on ICF’s forecasts. Adding these large-scale Universal Solar Energy Centers to FPL’s system also would provide the benefit of diversifying FPL’s fuel mix and reducing air emissions.

Solar Revenue Requirements		Non-Solar (Avoided) Generation Costs						Avoided System Costs			
Generation Capital (Millions)	Fixed O&M (Millions)	Generation Capital (Millions)	Fixed O&M (Millions)	Transmission Interconnection (Millions)	Capital Replacement (Millions)	Incremental Gas Transport (Millions)	Short-Term Purchases (Millions)	System Net Fuel (Millions)	Startup + VOM (Millions)	Emission (Millions)	Total CPVRR (Millions)
\$969.5	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$157.8)	\$8.5	(\$515.8)	(\$31.2)	(\$71.3)	(\$38.6)

* Negative Indicates Savings to FPL Customers

Year	Solar Revenue Requirements		Non-Solar (Avoided) Generation Costs						Avoided System Costs			
	Generation Capital (Millions)	Fixed O&M (Millions)	Generation Capital (Millions)	Fixed O&M (Millions)	Transmission Interconnection (Millions)	Capital Replacement (Millions)	Incremental Gas Transport (Millions)	Short-Term Purchases (Millions)	System Net Fuel (Millions)	Startup + VOM (Millions)	Emission (Millions)	Total CPVRR (Millions)
2017	\$2.6	\$1.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$0.0)	\$0.0	\$0.0	\$3.9
2018	\$115.4	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$33.1)	(\$2.7)	(\$0.0)	\$82.0
2019	\$114.8	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$42.2)	(\$2.2)	(\$0.0)	\$72.8
2020	\$107.8	\$2.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$37.2)	(\$3.1)	(\$0.0)	\$70.4
2021	\$102.3	\$3.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$40.6)	(\$2.7)	(\$0.0)	\$62.1
2022	\$97.5	\$3.3	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	\$0.0	(\$39.1)	(\$3.2)	(\$0.1)	\$41.7
2023	\$93.4	\$3.6	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	\$0.0	(\$42.1)	(\$2.6)	(\$0.0)	\$35.5
2024	\$90.2	\$3.7	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	(\$2.9)	(\$45.8)	(\$2.6)	(\$0.0)	\$25.8
2025	\$87.3	\$3.9	(\$138.6)	(\$4.4)	(\$8.7)	\$0.0	(\$16.7)	\$7.7	(\$14.4)	(\$0.2)	\$0.1	(\$83.9)
2026	\$84.4	\$3.9	(\$68.9)	(\$0.3)	(\$4.3)	\$0.0	(\$16.7)	\$0.0	(\$20.3)	(\$9.2)	\$0.1	(\$31.2)
2027	\$81.5	\$3.9	\$11.5	(\$0.0)	\$0.8	\$0.0	(\$35.6)	\$0.0	(\$47.7)	(\$1.6)	(\$0.0)	\$12.7
2028	\$78.6	\$3.9	\$11.0	(\$2.7)	\$0.8	(\$8.4)	(\$35.6)	(\$6.1)	(\$51.0)	(\$2.3)	(\$2.1)	(\$13.8)
2029	\$75.7	\$4.1	(\$139.4)	(\$1.9)	(\$8.7)	\$0.6	(\$15.8)	\$20.9	(\$27.8)	(\$9.8)	(\$0.8)	(\$102.9)
2030	\$72.8	\$4.1	(\$64.3)	(\$3.9)	(\$4.0)	(\$1.8)	(\$15.8)	\$0.0	(\$38.6)	(\$5.0)	(\$2.1)	(\$58.6)
2031	\$69.9	\$4.0	\$22.2	\$0.1	\$1.5	(\$1.7)	(\$15.8)	\$0.0	(\$53.5)	(\$2.8)	(\$5.6)	\$18.4
2032	\$67.0	\$4.1	\$21.4	(\$2.4)	\$1.5	(\$15.4)	(\$15.8)	\$0.0	(\$53.5)	(\$2.9)	(\$7.9)	(\$3.9)
2033	\$64.1	\$4.3	(\$7.9)	\$5.5	(\$0.4)	\$1.7	(\$15.8)	\$0.0	(\$49.4)	(\$1.9)	(\$8.1)	(\$7.8)
2034	\$61.2	\$4.4	(\$23.2)	(\$6.1)	(\$1.4)	(\$15.6)	(\$15.8)	\$0.0	(\$49.8)	(\$0.9)	(\$9.7)	(\$56.8)
2035	\$58.3	\$4.5	(\$22.2)	\$0.7	(\$1.3)	(\$6.7)	(\$15.8)	\$0.0	(\$51.4)	(\$1.1)	(\$13.3)	(\$48.2)
2036	\$55.4	\$4.6	(\$21.3)	(\$12.7)	(\$1.2)	(\$6.3)	(\$15.8)	\$0.0	(\$51.9)	(\$0.9)	(\$13.2)	(\$63.2)
2037	\$52.5	\$4.6	(\$20.3)	\$14.4	(\$1.1)	\$0.1	(\$15.8)	\$0.0	(\$53.8)	(\$0.8)	(\$15.0)	(\$35.2)
2038	\$49.6	\$4.6	(\$19.2)	(\$8.4)	(\$1.1)	(\$19.6)	(\$15.8)	\$0.0	(\$54.0)	(\$0.3)	(\$16.6)	(\$80.6)
2039	\$46.7	\$4.7	(\$18.2)	\$3.9	(\$1.0)	(\$6.8)	(\$15.8)	\$0.0	(\$53.4)	(\$0.9)	(\$17.9)	(\$58.7)
2040	\$43.8	\$4.9	(\$17.2)	(\$16.9)	(\$1.0)	(\$1.8)	(\$15.8)	\$0.0	(\$56.2)	(\$0.4)	(\$20.7)	(\$81.2)
2041	\$41.0	\$5.2	(\$16.3)	\$16.1	(\$1.0)	(\$10.4)	(\$15.8)	\$0.0	(\$56.6)	(\$0.5)	(\$22.1)	(\$60.4)
2042	\$38.1	\$5.2	(\$15.3)	(\$11.9)	(\$1.0)	(\$14.9)	(\$15.8)	\$0.0	(\$57.2)	(\$0.8)	(\$23.4)	(\$97.2)
2043	\$35.6	\$5.0	(\$14.4)	\$8.0	(\$0.9)	(\$3.3)	(\$15.8)	\$0.0	(\$57.6)	(\$0.4)	(\$25.0)	(\$68.8)
2044	\$33.2	\$5.1	(\$13.4)	(\$19.7)	(\$0.9)	(\$5.3)	(\$15.8)	\$0.0	(\$59.9)	(\$0.2)	(\$27.4)	(\$104.2)
2045	\$30.9	\$5.0	(\$13.1)	\$12.1	(\$1.0)	(\$31.2)	(\$15.8)	\$0.0	(\$61.4)	\$1.0	(\$29.8)	(\$103.3)
2046	\$28.5	\$4.7	(\$13.5)	(\$3.1)	(\$0.9)	(\$10.0)	(\$15.8)	\$0.0	(\$62.3)	(\$0.2)	(\$31.9)	(\$104.4)
2047	\$26.1	\$4.4	(\$13.2)	\$4.6	(\$0.9)	(\$0.9)	(\$15.8)	\$0.0	(\$62.0)	(\$0.5)	(\$33.5)	(\$91.7)
2048	\$5.6	\$2.1	(\$12.2)	(\$30.7)	(\$0.8)	(\$5.4)	(\$15.8)	\$0.0	(\$63.2)	(\$0.5)	(\$36.1)	(\$156.9)
2049	\$0.0	\$0.0	(\$11.9)	\$22.3	(\$0.8)	(\$25.5)	(\$15.8)	\$0.0	(\$64.5)	(\$0.6)	(\$38.8)	(\$135.5)
2050	\$0.0	\$0.0	(\$12.3)	\$1.7	(\$0.7)	(\$3.9)	(\$15.8)	\$0.0	(\$65.8)	(\$0.6)	(\$41.8)	(\$139.2)
CPVRR =	\$969.5	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$157.8)	\$8.5	(\$515.8)	(\$31.2)	(\$71.3)	(\$38.6)

Solar Revenue Requirements		Non-Solar (Avoided) Generation Costs						Avoided System Costs			
Generation Capital (Millions)	Fixed O&M (Millions)	Generation Capital (Millions)	Fixed O&M (Millions)	Transmission Interconnection (Millions)	Capital Replacement (Millions)	Incremental Gas Transport (Millions)	Short-Term Purchases (Millions)	System Net Fuel (Millions)	Startup + VOM (Millions)	Emission (Millions)	Total CPVRR (Millions)
\$969.5	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$157.8)	\$8.1	(\$516.4)	(\$31.1)	(\$71.3)	(\$39.5)

* Negative Indicates Savings to FPL Customers

	Solar Revenue Requirements		Non-Solar (Avoided) Generation Costs						Avoided System Costs			
Year	Generation Capital (Millions)	Fixed O&M (Millions)	Generation Capital (Millions)	Fixed O&M (Millions)	Transmission Interconnection (Millions)	Capital Replacement (Millions)	Incremental Gas Transport (Millions)	Short-Term Purchases (Millions)	System Net Fuel (Millions)	Startup + VOM (Millions)	Emission (Millions)	Total CPVRR (Millions)
2017	\$2.6	\$1.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$0.0)	\$0.0	\$0.0	\$3.9
2018	\$115.4	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$33.1)	(\$2.7)	(\$0.0)	\$82.0
2019	\$114.8	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$42.2)	(\$2.2)	(\$0.0)	\$72.8
2020	\$107.8	\$2.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$37.2)	(\$3.1)	(\$0.0)	\$70.4
2021	\$102.3	\$3.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$40.6)	(\$2.7)	(\$0.0)	\$62.1
2022	\$97.5	\$3.3	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	\$0.0	(\$39.1)	(\$3.2)	(\$0.1)	\$41.7
2023	\$93.4	\$3.6	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	\$0.0	(\$42.1)	(\$2.6)	(\$0.0)	\$35.5
2024	\$90.2	\$3.7	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	(\$1.4)	(\$46.2)	(\$2.6)	(\$0.0)	\$26.9
2025	\$87.3	\$3.9	(\$138.6)	(\$4.4)	(\$8.7)	\$0.0	(\$16.7)	\$5.3	(\$14.0)	(\$0.0)	\$0.1	(\$85.8)
2026	\$84.4	\$3.9	(\$68.9)	(\$0.3)	(\$4.3)	\$0.0	(\$16.7)	\$0.0	(\$20.3)	(\$9.2)	\$0.1	(\$31.2)
2027	\$81.5	\$3.9	\$11.5	(\$0.0)	\$0.8	\$0.0	(\$35.6)	\$0.0	(\$47.7)	(\$1.6)	(\$0.0)	\$12.7
2028	\$78.6	\$3.9	\$11.0	(\$2.7)	\$0.8	(\$8.4)	(\$35.6)	(\$1.0)	(\$53.1)	(\$2.2)	(\$2.1)	(\$10.9)
2029	\$75.7	\$4.1	(\$139.4)	(\$1.9)	(\$8.7)	\$0.6	(\$15.8)	\$15.5	(\$27.0)	(\$9.7)	(\$0.8)	(\$107.4)
2030	\$72.8	\$4.1	(\$64.3)	(\$3.9)	(\$4.0)	(\$1.8)	(\$15.8)	\$0.0	(\$38.6)	(\$5.0)	(\$2.1)	(\$58.6)
2031	\$69.9	\$4.0	\$22.2	\$0.1	\$1.5	(\$1.7)	(\$15.8)	\$0.0	(\$53.5)	(\$2.8)	(\$5.6)	\$18.4
2032	\$67.0	\$4.1	\$21.4	(\$2.4)	\$1.5	(\$15.4)	(\$15.8)	\$0.0	(\$53.5)	(\$2.9)	(\$7.9)	(\$3.9)
2033	\$64.1	\$4.3	(\$7.9)	\$5.5	(\$0.4)	\$1.7	(\$15.8)	\$0.0	(\$49.4)	(\$1.9)	(\$8.1)	(\$7.8)
2034	\$61.2	\$4.4	(\$23.2)	(\$6.1)	(\$1.4)	(\$15.6)	(\$15.8)	\$0.0	(\$49.8)	(\$0.9)	(\$9.7)	(\$56.8)
2035	\$58.3	\$4.5	(\$22.2)	\$0.7	(\$1.3)	(\$6.7)	(\$15.8)	\$0.0	(\$51.4)	(\$1.1)	(\$13.3)	(\$48.2)
2036	\$55.4	\$4.6	(\$21.3)	(\$12.7)	(\$1.2)	(\$6.3)	(\$15.8)	\$0.0	(\$51.9)	(\$0.9)	(\$13.2)	(\$63.2)
2037	\$52.5	\$4.6	(\$20.3)	\$14.4	(\$1.1)	\$0.1	(\$15.8)	\$0.0	(\$53.8)	(\$0.8)	(\$15.0)	(\$35.2)
2038	\$49.6	\$4.6	(\$19.2)	(\$8.4)	(\$1.1)	(\$19.6)	(\$15.8)	\$0.0	(\$54.0)	(\$0.3)	(\$16.6)	(\$80.6)
2039	\$46.7	\$4.7	(\$18.2)	\$3.9	(\$1.0)	(\$6.8)	(\$15.8)	\$0.0	(\$53.4)	(\$0.9)	(\$17.9)	(\$58.7)
2040	\$43.8	\$4.9	(\$17.2)	(\$16.9)	(\$1.0)	(\$1.8)	(\$15.8)	\$0.0	(\$56.2)	(\$0.4)	(\$20.7)	(\$81.2)
2041	\$41.0	\$5.2	(\$16.3)	\$16.1	(\$1.0)	(\$10.4)	(\$15.8)	\$0.0	(\$56.6)	(\$0.5)	(\$22.1)	(\$60.4)
2042	\$38.1	\$5.2	(\$15.3)	(\$11.9)	(\$1.0)	(\$14.9)	(\$15.8)	\$0.0	(\$57.2)	(\$0.8)	(\$23.4)	(\$97.2)
2043	\$35.6	\$5.0	(\$14.4)	\$8.0	(\$0.9)	(\$3.3)	(\$15.8)	\$0.0	(\$57.6)	(\$0.4)	(\$25.0)	(\$68.8)
2044	\$33.2	\$5.1	(\$13.4)	(\$19.7)	(\$0.9)	(\$5.3)	(\$15.8)	\$0.0	(\$59.9)	(\$0.2)	(\$27.4)	(\$104.2)
2045	\$30.9	\$5.0	(\$13.1)	\$12.1	(\$1.0)	(\$31.2)	(\$15.8)	\$0.0	(\$61.4)	\$1.0	(\$29.8)	(\$103.3)
2046	\$28.5	\$4.7	(\$13.5)	(\$3.1)	(\$0.9)	(\$10.0)	(\$15.8)	\$0.0	(\$62.3)	(\$0.2)	(\$31.9)	(\$104.4)
2047	\$26.1	\$4.4	(\$13.2)	\$4.6	(\$0.9)	(\$0.9)	(\$15.8)	\$0.0	(\$62.0)	(\$0.5)	(\$33.5)	(\$91.7)
2048	\$5.6	\$2.1	(\$12.2)	(\$30.7)	(\$0.8)	(\$5.4)	(\$15.8)	\$0.0	(\$63.2)	(\$0.5)	(\$36.1)	(\$156.9)
2049	\$0.0	\$0.0	(\$11.9)	\$22.3	(\$0.8)	(\$25.5)	(\$15.8)	\$0.0	(\$64.5)	(\$0.6)	(\$38.8)	(\$135.5)
2050	\$0.0	\$0.0	(\$12.3)	\$1.7	(\$0.7)	(\$3.9)	(\$15.8)	\$0.0	(\$65.8)	(\$0.6)	(\$41.8)	(\$139.2)
CPVRR =	\$969.5	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$157.8)	\$8.1	(\$516.4)	(\$31.1)	(\$71.3)	(\$39.5)

Fuel Cost Forecast	Environmental Compliance Cost Forecast	Total Cost Difference Plan: Solar minus No Solar
High Fuel Cost	Env I	(\$63.5)
High Fuel Cost	Env II	(\$136.4)
High Fuel Cost	Env III	(\$291.9)
Medium Fuel Cost	Env I	\$35.5
Medium Fuel Cost	Env II	(\$38.6)
Medium Fuel Cost	Env III	(\$195.8)
Low Fuel Cost	Env I	\$127.3
Low Fuel Cost	Env II	\$53.6
Low Fuel Cost	Env III	(\$103.1)

- Negative Indicates Savings to FPL Customers.
- Env I has a cost of \$0/ton annually.

High Fuel Cost and ENV I

Solar Revenue Requirements		Non-Solar (Avoided) Generation Costs							Avoided System Costs			Total CPVRR (Millions)
Generation Capital (Millions)	Fixed O&M (Millions)	Generation Capital (Millions)	Fixed O&M (Millions)	Transmission Interconnection (Millions)	Capital Replacement (Millions)	Incremental Gas Transport (Millions)	Short-Term Purchases (Millions)	System Net Fuel (Millions)	Startup + VOM (Millions)	Emission (Millions)		
\$969.5	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$157.8)	\$8.5	(\$611.7)	(\$31.4)	(\$0.1)	(\$63.5)	

* Negative Indicates Savings to FPL Customers

Year	Solar Revenue Requirements		Non-Solar (Avoided) Generation Costs							Avoided System Costs			Total CPVRR (Millions)
	Generation Capital (Millions)	Fixed O&M (Millions)	Generation Capital (Millions)	Fixed O&M (Millions)	Transmission Interconnection (Millions)	Capital Replacement (Millions)	Incremental Gas Transport (Millions)	Short-Term Purchases (Millions)	System Net Fuel (Millions)	Startup + VOM (Millions)	Emission (Millions)		
2017	\$2.6	\$1.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$0.0)	\$0.0	\$0.0	\$3.9	
2018	\$115.4	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$38.8)	(\$2.7)	(\$0.0)	\$76.3	
2019	\$114.8	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$48.6)	(\$2.7)	(\$0.0)	\$66.0	
2020	\$107.8	\$2.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$43.4)	(\$3.3)	(\$0.1)	\$63.9	
2021	\$102.3	\$3.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$47.3)	(\$1.7)	(\$0.0)	\$56.4	
2022	\$97.5	\$3.3	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	\$0.0	(\$44.9)	(\$2.9)	(\$0.0)	\$36.2	
2023	\$93.4	\$3.6	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	\$0.0	(\$48.7)	(\$3.4)	(\$0.0)	\$28.1	
2024	\$90.2	\$3.7	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	(\$2.9)	(\$53.2)	(\$2.8)	(\$0.0)	\$18.2	
2025	\$87.3	\$3.9	(\$138.6)	(\$4.4)	(\$8.7)	\$0.0	(\$16.7)	\$7.7	(\$15.2)	(\$3.4)	\$0.2	(\$87.9)	
2026	\$84.4	\$3.9	(\$68.9)	(\$0.3)	(\$4.3)	\$0.0	(\$16.7)	\$0.0	(\$29.9)	(\$7.3)	\$0.1	(\$39.0)	
2027	\$81.5	\$3.9	\$11.5	(\$0.0)	\$0.8	\$0.0	(\$35.6)	\$0.0	(\$55.6)	(\$2.0)	(\$0.0)	\$4.4	
2028	\$78.6	\$3.9	\$11.0	(\$2.7)	\$0.8	(\$8.4)	(\$35.6)	(\$6.1)	(\$58.2)	(\$3.0)	(\$0.0)	(\$19.7)	
2029	\$75.7	\$4.1	(\$139.4)	(\$1.9)	(\$8.7)	\$0.6	(\$15.8)	\$20.9	(\$41.0)	(\$8.7)	\$0.1	(\$114.1)	
2030	\$72.8	\$4.1	(\$64.3)	(\$3.9)	(\$4.0)	(\$1.8)	(\$15.8)	\$0.0	(\$47.1)	(\$2.1)	\$0.1	(\$62.1)	
2031	\$69.9	\$4.0	\$22.2	\$0.1	\$1.5	(\$1.7)	(\$15.8)	\$0.0	(\$61.5)	(\$3.0)	(\$0.0)	\$15.8	
2032	\$67.0	\$4.1	\$21.4	(\$2.4)	\$1.5	(\$15.4)	(\$15.8)	\$0.0	(\$63.7)	(\$3.1)	(\$0.0)	(\$6.5)	
2033	\$64.1	\$4.3	(\$7.9)	\$5.5	(\$0.4)	\$1.7	(\$15.8)	\$0.0	(\$59.3)	(\$0.8)	(\$0.0)	(\$8.5)	
2034	\$61.2	\$4.4	(\$23.2)	(\$6.1)	(\$1.4)	(\$15.6)	(\$15.8)	\$0.0	(\$59.9)	(\$1.4)	(\$0.0)	(\$57.7)	
2035	\$58.3	\$4.5	(\$22.2)	\$0.7	(\$1.3)	(\$6.7)	(\$15.8)	\$0.0	(\$61.4)	(\$0.9)	(\$0.0)	(\$44.9)	
2036	\$55.4	\$4.6	(\$21.3)	(\$12.7)	(\$1.2)	(\$6.3)	(\$15.8)	\$0.0	(\$62.4)	(\$0.8)	(\$0.0)	(\$60.4)	
2037	\$52.5	\$4.6	(\$20.3)	\$14.4	(\$1.1)	\$0.1	(\$15.8)	\$0.0	(\$63.8)	(\$1.3)	(\$0.0)	(\$30.7)	
2038	\$49.6	\$4.6	(\$19.2)	(\$8.4)	(\$1.1)	(\$19.6)	(\$15.8)	\$0.0	(\$65.1)	(\$0.9)	(\$0.0)	(\$75.7)	
2039	\$46.7	\$4.7	(\$18.2)	\$3.9	(\$1.0)	(\$6.8)	(\$15.8)	\$0.0	(\$65.8)	(\$1.0)	(\$0.0)	(\$53.3)	
2040	\$43.8	\$4.9	(\$17.2)	(\$16.9)	(\$1.0)	(\$1.8)	(\$15.8)	\$0.0	(\$65.4)	(\$1.0)	(\$0.0)	(\$70.2)	
2041	\$41.0	\$5.2	(\$16.3)	\$16.1	(\$1.0)	(\$10.4)	(\$15.8)	\$0.0	(\$67.6)	(\$0.2)	\$0.0	(\$49.0)	
2042	\$38.1	\$5.2	(\$15.3)	(\$11.9)	(\$1.0)	(\$14.9)	(\$15.8)	\$0.0	(\$68.5)	(\$0.3)	(\$0.0)	(\$84.5)	
2043	\$35.6	\$5.0	(\$14.4)	\$8.0	(\$0.9)	(\$3.3)	(\$15.8)	\$0.0	(\$69.8)	(\$0.3)	(\$0.0)	(\$55.8)	
2044	\$33.2	\$5.1	(\$13.4)	(\$19.7)	(\$0.9)	(\$5.3)	(\$15.8)	\$0.0	(\$70.7)	(\$0.1)	(\$0.0)	(\$87.6)	
2045	\$30.9	\$5.0	(\$13.1)	\$12.1	(\$1.0)	(\$31.2)	(\$15.8)	\$0.0	(\$71.9)	(\$0.0)	(\$0.0)	(\$85.0)	
2046	\$28.5	\$4.7	(\$13.5)	(\$3.1)	(\$0.9)	(\$10.0)	(\$15.8)	\$0.0	(\$72.5)	\$0.0	(\$0.0)	(\$82.5)	
2047	\$26.1	\$4.4	(\$13.2)	\$4.6	(\$0.9)	(\$0.9)	(\$15.8)	\$0.0	(\$74.2)	(\$0.4)	(\$0.0)	(\$70.2)	
2048	\$5.6	\$2.1	(\$12.2)	(\$30.7)	(\$0.8)	(\$5.4)	(\$15.8)	\$0.0	(\$75.7)	(\$0.4)	(\$0.0)	(\$133.1)	
2049	\$0.0	\$0.0	(\$11.9)	\$22.3	(\$0.8)	(\$25.5)	(\$15.8)	\$0.0	(\$77.2)	(\$0.4)	(\$0.0)	(\$109.2)	
2050	\$0.0	\$0.0	(\$12.3)	\$1.7	(\$0.7)	(\$3.9)	(\$15.8)	\$0.0	(\$78.7)	(\$0.4)	(\$0.0)	(\$110.2)	
CPVRR =	\$969.5	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$157.8)	\$8.5	(\$611.7)	(\$31.4)	(\$0.1)	(\$63.5)	

High Fuel Cost and ENV II

Solar Revenue Requirements		Non-Solar (Avoided) Generation Costs							Avoided System Costs			Total CPVRR (Millions)
Generation Capital (Millions)	Fixed O&M (Millions)	Generation Capital (Millions)	Fixed O&M (Millions)	Transmission Interconnection (Millions)	Capital Replacement (Millions)	Incremental Gas Transport (Millions)	Short-Term Purchases (Millions)	System Net Fuel (Millions)	Startup + VOM (Millions)	Emission (Millions)		
\$969.5	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$157.8)	\$8.5	(\$612.3)	(\$31.4)	(\$72.5)	(\$136.4)	

* Negative Indicates Savings to FPL Customers

Year	Solar Revenue Requirements		Non-Solar (Avoided) Generation Costs							Avoided System Costs			Total CPVRR (Millions)
	Generation Capital (Millions)	Fixed O&M (Millions)	Generation Capital (Millions)	Fixed O&M (Millions)	Transmission Interconnection (Millions)	Capital Replacement (Millions)	Incremental Gas Transport (Millions)	Short-Term Purchases (Millions)	System Net Fuel (Millions)	Startup + VOM (Millions)	Emission (Millions)		
2017	\$2.6	\$1.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$0.0)	\$0.0	\$0.0	\$3.9	
2018	\$115.4	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$38.2)	(\$2.6)	(\$0.0)	\$76.9	
2019	\$114.8	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$48.7)	(\$2.6)	(\$0.0)	\$66.0	
2020	\$107.8	\$2.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$43.7)	(\$3.0)	(\$0.1)	\$64.0	
2021	\$102.3	\$3.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$47.5)	(\$1.8)	(\$0.0)	\$56.1	
2022	\$97.5	\$3.3	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	\$0.0	(\$45.2)	(\$2.8)	(\$0.0)	\$36.1	
2023	\$93.4	\$3.6	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	\$0.0	(\$48.4)	(\$3.5)	(\$0.0)	\$28.4	
2024	\$90.2	\$3.7	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	(\$2.9)	(\$53.0)	(\$2.7)	(\$0.0)	\$18.6	
2025	\$87.3	\$3.9	(\$138.6)	(\$4.4)	(\$8.7)	\$0.0	(\$16.7)	\$7.7	(\$15.0)	(\$3.2)	\$0.2	(\$87.6)	
2026	\$84.4	\$3.9	(\$68.9)	(\$0.3)	(\$4.3)	\$0.0	(\$16.7)	\$0.0	(\$29.3)	(\$7.4)	\$0.1	(\$38.5)	
2027	\$81.5	\$3.9	\$11.5	(\$0.0)	\$0.8	\$0.0	(\$35.6)	\$0.0	(\$56.0)	(\$2.0)	(\$0.0)	\$3.9	
2028	\$78.6	\$3.9	\$11.0	(\$2.7)	\$0.8	(\$8.4)	(\$35.6)	(\$6.1)	(\$59.1)	(\$2.5)	(\$2.1)	(\$22.2)	
2029	\$75.7	\$4.1	(\$139.4)	(\$1.9)	(\$8.7)	\$0.6	(\$15.8)	\$20.9	(\$38.6)	(\$8.6)	(\$1.0)	(\$112.7)	
2030	\$72.8	\$4.1	(\$64.3)	(\$3.9)	(\$4.0)	(\$1.8)	(\$15.8)	\$0.0	(\$50.0)	(\$3.8)	(\$2.7)	(\$69.4)	
2031	\$69.9	\$4.0	\$22.2	\$0.1	\$1.5	(\$1.7)	(\$15.8)	\$0.0	(\$60.5)	(\$3.8)	(\$6.6)	\$9.3	
2032	\$67.0	\$4.1	\$21.4	(\$2.4)	\$1.5	(\$15.4)	(\$15.8)	\$0.0	(\$64.0)	(\$2.4)	(\$7.9)	(\$14.0)	
2033	\$64.1	\$4.3	(\$7.9)	\$5.5	(\$0.4)	\$1.7	(\$15.8)	\$0.0	(\$59.8)	(\$1.0)	(\$7.8)	(\$17.1)	
2034	\$61.2	\$4.4	(\$23.2)	(\$6.1)	(\$1.4)	(\$15.6)	(\$15.8)	\$0.0	(\$59.9)	(\$1.3)	(\$10.5)	(\$68.0)	
2035	\$58.3	\$4.5	(\$22.2)	\$0.7	(\$1.3)	(\$6.7)	(\$15.8)	\$0.0	(\$61.3)	(\$1.6)	(\$12.0)	(\$57.4)	
2036	\$55.4	\$4.6	(\$21.3)	(\$12.7)	(\$1.2)	(\$6.3)	(\$15.8)	\$0.0	(\$62.1)	(\$1.1)	(\$13.2)	(\$73.7)	
2037	\$52.5	\$4.6	(\$20.3)	\$14.4	(\$1.1)	\$0.1	(\$15.8)	\$0.0	(\$64.8)	(\$0.9)	(\$16.0)	(\$47.2)	
2038	\$49.6	\$4.6	(\$19.2)	(\$8.4)	(\$1.1)	(\$19.6)	(\$15.8)	\$0.0	(\$64.3)	(\$0.4)	(\$16.5)	(\$91.0)	
2039	\$46.7	\$4.7	(\$18.2)	\$3.9	(\$1.0)	(\$6.8)	(\$15.8)	\$0.0	(\$64.9)	(\$0.5)	(\$19.1)	(\$70.8)	
2040	\$43.8	\$4.9	(\$17.2)	(\$16.9)	(\$1.0)	(\$1.8)	(\$15.8)	\$0.0	(\$66.1)	(\$0.3)	(\$20.4)	(\$90.7)	
2041	\$41.0	\$5.2	(\$16.3)	\$16.1	(\$1.0)	(\$10.4)	(\$15.8)	\$0.0	(\$67.7)	(\$0.6)	(\$22.1)	(\$71.6)	
2042	\$38.1	\$5.2	(\$15.3)	(\$11.9)	(\$1.0)	(\$14.9)	(\$15.8)	\$0.0	(\$68.5)	(\$0.4)	(\$23.5)	(\$108.1)	
2043	\$35.6	\$5.0	(\$14.4)	\$8.0	(\$0.9)	(\$3.3)	(\$15.8)	\$0.0	(\$70.5)	(\$0.2)	(\$25.6)	(\$81.9)	
2044	\$33.2	\$5.1	(\$13.4)	(\$19.7)	(\$0.9)	(\$5.3)	(\$15.8)	\$0.0	(\$72.1)	(\$0.3)	(\$27.6)	(\$116.7)	
2045	\$30.9	\$5.0	(\$13.1)	\$12.1	(\$1.0)	(\$31.2)	(\$15.8)	\$0.0	(\$73.0)	\$0.5	(\$29.6)	(\$115.2)	
2046	\$28.5	\$4.7	(\$13.5)	(\$3.1)	(\$0.9)	(\$10.0)	(\$15.8)	\$0.0	(\$74.1)	(\$0.3)	(\$33.4)	(\$117.9)	
2047	\$26.1	\$4.4	(\$13.2)	\$4.6	(\$0.9)	(\$0.9)	(\$15.8)	\$0.0	(\$74.2)	(\$0.4)	(\$33.6)	(\$103.9)	
2048	\$5.6	\$2.1	(\$12.2)	(\$30.7)	(\$0.8)	(\$5.4)	(\$15.8)	\$0.0	(\$75.7)	(\$0.4)	(\$36.1)	(\$169.3)	
2049	\$0.0	\$0.0	(\$11.9)	\$22.3	(\$0.8)	(\$25.5)	(\$15.8)	\$0.0	(\$77.2)	(\$0.4)	(\$38.9)	(\$148.1)	
2050	\$0.0	\$0.0	(\$12.3)	\$1.7	(\$0.7)	(\$3.9)	(\$15.8)	\$0.0	(\$78.8)	(\$0.4)	(\$41.8)	(\$152.1)	
CPVRR =	\$969.5	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$157.8)	\$8.5	(\$612.3)	(\$31.4)	(\$72.5)	(\$136.4)	

High Fuel Cost and ENV III

Solar Revenue Requirements		Non-Solar (Avoided) Generation Costs						Avoided System Costs			
Generation Capital (Millions)	Fixed O&M (Millions)	Generation Capital (Millions)	Fixed O&M (Millions)	Transmission Interconnection (Millions)	Capital Replacement (Millions)	Incremental Gas Transport (Millions)	Short-Term Purchases (Millions)	System Net Fuel (Millions)	Startup + VOM (Millions)	Emission (Millions)	Total CPVRR (Millions)
\$969.5	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$157.8)	\$8.5	(\$612.7)	(\$31.8)	(\$227.1)	(\$291.9)

* Negative Indicates Savings to FPL Customers

Year	Solar Revenue Requirements		Non-Solar (Avoided) Generation Costs						Avoided System Costs			
	Generation Capital (Millions)	Fixed O&M (Millions)	Generation Capital (Millions)	Fixed O&M (Millions)	Transmission Interconnection (Millions)	Capital Replacement (Millions)	Incremental Gas Transport (Millions)	Short-Term Purchases (Millions)	System Net Fuel (Millions)	Startup + VOM (Millions)	Emission (Millions)	Total CPVRR (Millions)
2017	\$2.6	\$1.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$0.0)	\$0.0	\$0.0	\$3.9
2018	\$115.4	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$38.2)	(\$2.6)	(\$0.0)	\$76.9
2019	\$114.8	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$48.7)	(\$2.6)	(\$0.0)	\$66.0
2020	\$107.8	\$2.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$43.7)	(\$3.0)	(\$0.1)	\$64.0
2021	\$102.3	\$3.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$47.5)	(\$1.8)	(\$0.0)	\$56.1
2022	\$97.5	\$3.3	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	\$0.0	(\$45.2)	(\$2.8)	(\$0.0)	\$36.1
2023	\$93.4	\$3.6	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	\$0.0	(\$48.4)	(\$3.5)	(\$0.0)	\$28.4
2024	\$90.2	\$3.7	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	(\$2.9)	(\$53.0)	(\$2.7)	(\$0.0)	\$18.6
2025	\$87.3	\$3.9	(\$138.6)	(\$4.4)	(\$8.7)	\$0.0	(\$16.7)	\$7.7	(\$15.0)	(\$3.2)	\$0.2	(\$87.6)
2026	\$84.4	\$3.9	(\$68.9)	(\$0.3)	(\$4.3)	\$0.0	(\$16.7)	\$0.0	(\$29.3)	(\$7.4)	\$0.1	(\$38.5)
2027	\$81.5	\$3.9	\$11.5	(\$0.0)	\$0.8	\$0.0	(\$35.6)	\$0.0	(\$56.0)	(\$2.0)	(\$0.0)	\$3.9
2028	\$78.6	\$3.9	\$11.0	(\$2.7)	\$0.8	(\$8.4)	(\$35.6)	(\$6.1)	(\$60.2)	(\$3.7)	(\$23.0)	(\$45.5)
2029	\$75.7	\$4.1	(\$139.4)	(\$1.9)	(\$8.7)	\$0.6	(\$15.8)	\$20.9	(\$38.6)	(\$6.4)	(\$20.1)	(\$129.6)
2030	\$72.8	\$4.1	(\$64.3)	(\$3.9)	(\$4.0)	(\$1.8)	(\$15.8)	\$0.0	(\$49.7)	(\$3.4)	(\$22.6)	(\$88.6)
2031	\$69.9	\$4.0	\$22.2	\$0.1	\$1.5	(\$1.7)	(\$15.8)	\$0.0	(\$60.4)	(\$4.4)	(\$34.8)	(\$19.3)
2032	\$67.0	\$4.1	\$21.4	(\$2.4)	\$1.5	(\$15.4)	(\$15.8)	\$0.0	(\$63.5)	(\$3.4)	(\$34.0)	(\$40.6)
2033	\$64.1	\$4.3	(\$7.9)	\$5.5	(\$0.4)	\$1.7	(\$15.8)	\$0.0	(\$59.2)	(\$1.8)	(\$31.0)	(\$40.3)
2034	\$61.2	\$4.4	(\$23.2)	(\$6.1)	(\$1.4)	(\$15.6)	(\$15.8)	\$0.0	(\$60.9)	(\$0.7)	(\$37.2)	(\$95.1)
2035	\$58.3	\$4.5	(\$22.2)	\$0.7	(\$1.3)	(\$6.7)	(\$15.8)	\$0.0	(\$62.0)	(\$1.6)	(\$35.5)	(\$81.5)
2036	\$55.4	\$4.6	(\$21.3)	(\$12.7)	(\$1.2)	(\$6.3)	(\$15.8)	\$0.0	(\$62.0)	(\$1.2)	(\$37.8)	(\$98.2)
2037	\$52.5	\$4.6	(\$20.3)	\$14.4	(\$1.1)	\$0.1	(\$15.8)	\$0.0	(\$64.2)	(\$0.9)	(\$41.7)	(\$72.4)
2038	\$49.6	\$4.6	(\$19.2)	(\$8.4)	(\$1.1)	(\$19.6)	(\$15.8)	\$0.0	(\$64.5)	(\$0.6)	(\$44.7)	(\$119.5)
2039	\$46.7	\$4.7	(\$18.2)	\$3.9	(\$1.0)	(\$6.8)	(\$15.8)	\$0.0	(\$64.4)	(\$0.4)	(\$47.7)	(\$99.0)
2040	\$43.8	\$4.9	(\$17.2)	(\$16.9)	(\$1.0)	(\$1.8)	(\$15.8)	\$0.0	(\$67.1)	(\$0.2)	(\$52.9)	(\$124.1)
2041	\$41.0	\$5.2	(\$16.3)	\$16.1	(\$1.0)	(\$10.4)	(\$15.8)	\$0.0	(\$67.3)	(\$1.2)	(\$56.3)	(\$106.0)
2042	\$38.1	\$5.2	(\$15.3)	(\$11.9)	(\$1.0)	(\$14.9)	(\$15.8)	\$0.0	(\$67.3)	(\$0.6)	(\$59.5)	(\$143.1)
2043	\$35.6	\$5.0	(\$14.4)	\$8.0	(\$0.9)	(\$3.3)	(\$15.8)	\$0.0	(\$69.4)	(\$0.5)	(\$64.7)	(\$120.2)
2044	\$33.2	\$5.1	(\$13.4)	(\$19.7)	(\$0.9)	(\$5.3)	(\$15.8)	\$0.0	(\$72.0)	(\$0.6)	(\$70.9)	(\$160.3)
2045	\$30.9	\$5.0	(\$13.1)	\$12.1	(\$1.0)	(\$31.2)	(\$15.8)	\$0.0	(\$72.9)	\$0.4	(\$76.3)	(\$161.8)
2046	\$28.5	\$4.7	(\$13.5)	(\$3.1)	(\$0.9)	(\$10.0)	(\$15.8)	\$0.0	(\$74.7)	(\$0.6)	(\$82.5)	(\$167.9)
2047	\$26.1	\$4.4	(\$13.2)	\$4.6	(\$0.9)	(\$0.9)	(\$15.8)	\$0.0	(\$74.9)	(\$0.5)	(\$87.7)	(\$158.8)
2048	\$5.6	\$2.1	(\$12.2)	(\$30.7)	(\$0.8)	(\$5.4)	(\$15.8)	\$0.0	(\$76.4)	(\$0.5)	(\$94.4)	(\$228.3)
2049	\$0.0	\$0.0	(\$11.9)	\$22.3	(\$0.8)	(\$25.5)	(\$15.8)	\$0.0	(\$77.9)	(\$0.5)	(\$101.5)	(\$211.6)
2050	\$0.0	\$0.0	(\$12.3)	\$1.7	(\$0.7)	(\$3.9)	(\$15.8)	\$0.0	(\$79.5)	(\$0.6)	(\$109.3)	(\$220.4)
CPVRR =	\$969.5	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$157.8)	\$8.5	(\$612.7)	(\$31.8)	(\$227.1)	(\$291.9)

Medium Fuel Cost and ENV I

Solar Revenue Requirements		Non-Solar (Avoided) Generation Costs						Avoided System Costs			
Generation Capital (Millions)	Fixed O&M (Millions)	Generation Capital (Millions)	Fixed O&M (Millions)	Transmission Interconnection (Millions)	Capital Replacement (Millions)	Incremental Gas Transport (Millions)	Short-Term Purchases (Millions)	System Net Fuel (Millions)	Startup + VOM (Millions)	Emission (Millions)	Total CPVRR (Millions)
\$969.5	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$157.8)	\$8.5	(\$513.5)	(\$30.6)	(\$0.1)	\$35.5

* Negative Indicates Savings to FPL Customers

Year	Solar Revenue Requirements		Non-Solar (Avoided) Generation Costs						Avoided System Costs			
	Generation Capital (Millions)	Fixed O&M (Millions)	Generation Capital (Millions)	Fixed O&M (Millions)	Transmission Interconnection (Millions)	Capital Replacement (Millions)	Incremental Gas Transport (Millions)	Short-Term Purchases (Millions)	System Net Fuel (Millions)	Startup + VOM (Millions)	Emission (Millions)	Total CPVRR (Millions)
2017	\$2.6	\$1.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$0.0)	\$0.0	\$0.0	\$3.9
2018	\$115.4	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$33.1)	(\$2.7)	(\$0.0)	\$82.0
2019	\$114.8	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$42.2)	(\$2.2)	(\$0.0)	\$72.8
2020	\$107.8	\$2.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$37.2)	(\$3.1)	(\$0.0)	\$70.4
2021	\$102.3	\$3.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$40.6)	(\$2.7)	(\$0.0)	\$62.1
2022	\$97.5	\$3.3	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	\$0.0	(\$39.1)	(\$3.2)	(\$0.1)	\$41.7
2023	\$93.4	\$3.6	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	\$0.0	(\$42.1)	(\$2.6)	(\$0.0)	\$35.5
2024	\$90.2	\$3.7	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	(\$2.9)	(\$45.8)	(\$2.6)	(\$0.0)	\$25.8
2025	\$87.3	\$3.9	(\$138.6)	(\$4.4)	(\$8.7)	\$0.0	(\$16.7)	\$7.7	(\$14.4)	(\$0.2)	\$0.1	(\$83.9)
2026	\$84.4	\$3.9	(\$68.9)	(\$0.3)	(\$4.3)	\$0.0	(\$16.7)	\$0.0	(\$20.3)	(\$9.2)	\$0.1	(\$31.2)
2027	\$81.5	\$3.9	\$11.5	(\$0.0)	\$0.8	\$0.0	(\$35.6)	\$0.0	(\$47.7)	(\$1.6)	(\$0.0)	\$12.7
2028	\$78.6	\$3.9	\$11.0	(\$2.7)	\$0.8	(\$8.4)	(\$35.6)	(\$6.1)	(\$51.6)	(\$2.6)	(\$0.1)	(\$12.8)
2029	\$75.7	\$4.1	(\$139.4)	(\$1.9)	(\$8.7)	\$0.6	(\$15.8)	\$20.9	(\$26.6)	(\$9.0)	\$0.1	(\$99.9)
2030	\$72.8	\$4.1	(\$64.3)	(\$3.9)	(\$4.0)	(\$1.8)	(\$15.8)	\$0.0	(\$38.3)	(\$5.4)	\$0.0	(\$56.6)
2031	\$69.9	\$4.0	\$22.2	\$0.1	\$1.5	(\$1.7)	(\$15.8)	\$0.0	(\$52.0)	(\$2.9)	(\$0.0)	\$25.3
2032	\$67.0	\$4.1	\$21.4	(\$2.4)	\$1.5	(\$15.4)	(\$15.8)	\$0.0	(\$53.1)	(\$2.9)	(\$0.0)	\$4.4
2033	\$64.1	\$4.3	(\$7.9)	\$5.5	(\$0.4)	\$1.7	(\$15.8)	\$0.0	(\$49.3)	(\$1.6)	(\$0.0)	\$0.7
2034	\$61.2	\$4.4	(\$23.2)	(\$6.1)	(\$1.4)	(\$15.6)	(\$15.8)	\$0.0	(\$49.5)	(\$1.8)	(\$0.0)	(\$47.6)
2035	\$58.3	\$4.5	(\$22.2)	\$0.7	(\$1.3)	(\$6.7)	(\$15.8)	\$0.0	(\$50.8)	(\$1.1)	(\$0.0)	(\$34.4)
2036	\$55.4	\$4.6	(\$21.3)	(\$12.7)	(\$1.2)	(\$6.3)	(\$15.8)	\$0.0	(\$52.2)	(\$0.2)	(\$0.0)	(\$49.7)
2037	\$52.5	\$4.6	(\$20.3)	\$14.4	(\$1.1)	\$0.1	(\$15.8)	\$0.0	(\$53.8)	\$0.5	(\$0.0)	(\$19.0)
2038	\$49.6	\$4.6	(\$19.2)	(\$8.4)	(\$1.1)	(\$19.6)	(\$15.8)	\$0.0	(\$54.2)	(\$0.2)	(\$0.0)	(\$64.1)
2039	\$46.7	\$4.7	(\$18.2)	\$3.9	(\$1.0)	(\$6.8)	(\$15.8)	\$0.0	(\$53.6)	(\$0.3)	(\$0.0)	(\$40.4)
2040	\$43.8	\$4.9	(\$17.2)	(\$16.9)	(\$1.0)	(\$1.8)	(\$15.8)	\$0.0	(\$55.2)	(\$0.0)	(\$0.0)	(\$59.2)
2041	\$41.0	\$5.2	(\$16.3)	\$16.1	(\$1.0)	(\$10.4)	(\$15.8)	\$0.0	(\$55.6)	\$0.5	(\$0.0)	(\$36.4)
2042	\$38.1	\$5.2	(\$15.3)	(\$11.9)	(\$1.0)	(\$14.9)	(\$15.8)	\$0.0	(\$55.9)	(\$0.2)	(\$0.0)	(\$71.9)
2043	\$35.6	\$5.0	(\$14.4)	\$8.0	(\$0.9)	(\$3.3)	(\$15.8)	\$0.0	(\$57.0)	\$0.3	\$0.0	(\$42.4)
2044	\$33.2	\$5.1	(\$13.4)	(\$19.7)	(\$0.9)	(\$5.3)	(\$15.8)	\$0.0	(\$59.0)	(\$0.1)	(\$0.0)	(\$75.8)
2045	\$30.9	\$5.0	(\$13.1)	\$12.1	(\$1.0)	(\$31.2)	(\$15.8)	\$0.0	(\$61.5)	\$0.2	(\$0.0)	(\$74.4)
2046	\$28.5	\$4.7	(\$13.5)	(\$3.1)	(\$0.9)	(\$10.0)	(\$15.8)	\$0.0	(\$61.5)	(\$0.2)	\$0.0	(\$71.8)
2047	\$26.1	\$4.4	(\$13.2)	\$4.6	(\$0.9)	(\$0.9)	(\$15.8)	\$0.0	(\$61.2)	(\$0.9)	(\$0.0)	(\$57.8)
2048	\$5.6	\$2.1	(\$12.2)	(\$30.7)	(\$0.8)	(\$5.4)	(\$15.8)	\$0.0	(\$62.5)	(\$0.9)	(\$0.0)	(\$120.4)
2049	\$0.0	\$0.0	(\$11.9)	\$22.3	(\$0.8)	(\$25.5)	(\$15.8)	\$0.0	(\$63.7)	(\$0.9)	(\$0.0)	(\$96.2)
2050	\$0.0	\$0.0	(\$12.3)	\$1.7	(\$0.7)	(\$3.9)	(\$15.8)	\$0.0	(\$65.0)	(\$0.9)	(\$0.0)	(\$97.0)
CPVRR =	\$969.5	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$157.8)	\$8.5	(\$513.5)	(\$30.6)	(\$0.1)	\$35.5

Medium Fuel Cost and ENV II

Solar Revenue Requirements		Non-Solar (Avoided) Generation Costs						Avoided System Costs			
Generation Capital (Millions)	Fixed O&M (Millions)	Generation Capital (Millions)	Fixed O&M (Millions)	Transmission Interconnection (Millions)	Capital Replacement (Millions)	Incremental Gas Transport (Millions)	Short-Term Purchases (Millions)	System Net Fuel (Millions)	Startup + VOM (Millions)	Emission (Millions)	Total CPVRR (Millions)
\$969.5	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$157.8)	\$8.5	(\$515.8)	(\$31.2)	(\$71.3)	(\$38.6)

* Negative Indicates Savings to FPL Customers

Year	Solar Revenue Requirements		Non-Solar (Avoided) Generation Costs						Avoided System Costs			
	Generation Capital (Millions)	Fixed O&M (Millions)	Generation Capital (Millions)	Fixed O&M (Millions)	Transmission Interconnection (Millions)	Capital Replacement (Millions)	Incremental Gas Transport (Millions)	Short-Term Purchases (Millions)	System Net Fuel (Millions)	Startup + VOM (Millions)	Emission (Millions)	Total CPVRR (Millions)
2017	\$2.6	\$1.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$0.0)	\$0.0	\$0.0	\$3.9
2018	\$115.4	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$33.1)	(\$2.7)	(\$0.0)	\$82.0
2019	\$114.8	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$42.2)	(\$2.2)	(\$0.0)	\$72.8
2020	\$107.8	\$2.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$37.2)	(\$3.1)	(\$0.0)	\$70.4
2021	\$102.3	\$3.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$40.6)	(\$2.7)	(\$0.0)	\$62.1
2022	\$97.5	\$3.3	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	\$0.0	(\$39.1)	(\$3.2)	(\$0.1)	\$41.7
2023	\$93.4	\$3.6	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	\$0.0	(\$42.1)	(\$2.6)	(\$0.0)	\$35.5
2024	\$90.2	\$3.7	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	(\$2.9)	(\$45.8)	(\$2.6)	(\$0.0)	\$25.8
2025	\$87.3	\$3.9	(\$138.6)	(\$4.4)	(\$8.7)	\$0.0	(\$16.7)	\$7.7	(\$14.4)	(\$0.2)	\$0.1	(\$83.9)
2026	\$84.4	\$3.9	(\$68.9)	(\$0.3)	(\$4.3)	\$0.0	(\$16.7)	\$0.0	(\$20.3)	(\$9.2)	\$0.1	(\$31.2)
2027	\$81.5	\$3.9	\$11.5	(\$0.0)	\$0.8	\$0.0	(\$35.6)	\$0.0	(\$47.7)	(\$1.6)	(\$0.0)	\$12.7
2028	\$78.6	\$3.9	\$11.0	(\$2.7)	\$0.8	(\$8.4)	(\$35.6)	(\$6.1)	(\$51.0)	(\$2.3)	(\$2.1)	(\$13.8)
2029	\$75.7	\$4.1	(\$139.4)	(\$1.9)	(\$8.7)	\$0.6	(\$15.8)	\$20.9	(\$27.8)	(\$9.8)	(\$0.8)	(\$102.9)
2030	\$72.8	\$4.1	(\$64.3)	(\$3.9)	(\$4.0)	(\$1.8)	(\$15.8)	\$0.0	(\$38.6)	(\$5.0)	(\$2.1)	(\$58.6)
2031	\$69.9	\$4.0	\$22.2	\$0.1	\$1.5	(\$1.7)	(\$15.8)	\$0.0	(\$53.5)	(\$2.8)	(\$5.6)	\$18.4
2032	\$67.0	\$4.1	\$21.4	(\$2.4)	\$1.5	(\$15.4)	(\$15.8)	\$0.0	(\$53.5)	(\$2.9)	(\$7.9)	(\$3.9)
2033	\$64.1	\$4.3	(\$7.9)	\$5.5	(\$0.4)	\$1.7	(\$15.8)	\$0.0	(\$49.4)	(\$1.9)	(\$8.1)	(\$7.8)
2034	\$61.2	\$4.4	(\$23.2)	(\$6.1)	(\$1.4)	(\$15.6)	(\$15.8)	\$0.0	(\$49.8)	(\$0.9)	(\$9.7)	(\$56.8)
2035	\$58.3	\$4.5	(\$22.2)	\$0.7	(\$1.3)	(\$6.7)	(\$15.8)	\$0.0	(\$51.4)	(\$1.1)	(\$13.3)	(\$48.2)
2036	\$55.4	\$4.6	(\$21.3)	(\$12.7)	(\$1.2)	(\$6.3)	(\$15.8)	\$0.0	(\$51.9)	(\$0.9)	(\$13.2)	(\$63.2)
2037	\$52.5	\$4.6	(\$20.3)	\$14.4	(\$1.1)	\$0.1	(\$15.8)	\$0.0	(\$53.8)	(\$0.8)	(\$15.0)	(\$35.2)
2038	\$49.6	\$4.6	(\$19.2)	(\$8.4)	(\$1.1)	(\$19.6)	(\$15.8)	\$0.0	(\$54.0)	(\$0.3)	(\$16.6)	(\$80.6)
2039	\$46.7	\$4.7	(\$18.2)	\$3.9	(\$1.0)	(\$6.8)	(\$15.8)	\$0.0	(\$53.4)	(\$0.9)	(\$17.9)	(\$58.7)
2040	\$43.8	\$4.9	(\$17.2)	(\$16.9)	(\$1.0)	(\$1.8)	(\$15.8)	\$0.0	(\$56.2)	(\$0.4)	(\$20.7)	(\$81.2)
2041	\$41.0	\$5.2	(\$16.3)	\$16.1	(\$1.0)	(\$10.4)	(\$15.8)	\$0.0	(\$56.6)	(\$0.5)	(\$22.1)	(\$60.4)
2042	\$38.1	\$5.2	(\$15.3)	(\$11.9)	(\$1.0)	(\$14.9)	(\$15.8)	\$0.0	(\$57.2)	(\$0.8)	(\$23.4)	(\$97.2)
2043	\$35.6	\$5.0	(\$14.4)	\$8.0	(\$0.9)	(\$3.3)	(\$15.8)	\$0.0	(\$57.6)	(\$0.4)	(\$25.0)	(\$68.8)
2044	\$33.2	\$5.1	(\$13.4)	(\$19.7)	(\$0.9)	(\$5.3)	(\$15.8)	\$0.0	(\$59.9)	(\$0.2)	(\$27.4)	(\$104.2)
2045	\$30.9	\$5.0	(\$13.1)	\$12.1	(\$1.0)	(\$31.2)	(\$15.8)	\$0.0	(\$61.4)	\$1.0	(\$29.8)	(\$103.3)
2046	\$28.5	\$4.7	(\$13.5)	(\$3.1)	(\$0.9)	(\$10.0)	(\$15.8)	\$0.0	(\$62.3)	(\$0.2)	(\$31.9)	(\$104.4)
2047	\$26.1	\$4.4	(\$13.2)	\$4.6	(\$0.9)	(\$0.9)	(\$15.8)	\$0.0	(\$62.0)	(\$0.5)	(\$33.5)	(\$91.7)
2048	\$5.6	\$2.1	(\$12.2)	(\$30.7)	(\$0.8)	(\$5.4)	(\$15.8)	\$0.0	(\$63.2)	(\$0.5)	(\$36.1)	(\$156.9)
2049	\$0.0	\$0.0	(\$11.9)	\$22.3	(\$0.8)	(\$25.5)	(\$15.8)	\$0.0	(\$64.5)	(\$0.6)	(\$38.8)	(\$135.5)
2050	\$0.0	\$0.0	(\$12.3)	\$1.7	(\$0.7)	(\$3.9)	(\$15.8)	\$0.0	(\$65.8)	(\$0.6)	(\$41.8)	(\$139.2)
CPVRR =	\$969.5	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$157.8)	\$8.5	(\$515.8)	(\$31.2)	(\$71.3)	(\$38.6)

Medium Fuel Cost and ENV III

Solar Revenue Requirements		Non-Solar (Avoided) Generation Costs							Avoided System Costs			
Generation Capital (Millions)	Fixed O&M (Millions)	Generation Capital (Millions)	Fixed O&M (Millions)	Transmission Interconnection (Millions)	Capital Replacement (Millions)	Incremental Gas Transport (Millions)	Short-Term Purchases (Millions)	System Net Fuel (Millions)	Startup + VOM (Millions)	Emission (Millions)	Total CPVRR (Millions)	
\$969.5	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$157.8)	\$8.5	(\$519.1)	(\$29.9)	(\$226.5)	(\$195.8)	

* Negative Indicates Savings to FPL Customers

Year	Solar Revenue Requirements		Non-Solar (Avoided) Generation Costs							Avoided System Costs			
	Generation Capital (Millions)	Fixed O&M (Millions)	Generation Capital (Millions)	Fixed O&M (Millions)	Transmission Interconnection (Millions)	Capital Replacement (Millions)	Incremental Gas Transport (Millions)	Short-Term Purchases (Millions)	System Net Fuel (Millions)	Startup + VOM (Millions)	Emission (Millions)	Total CPVRR (Millions)	
2017	\$2.6	\$1.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$0.0)	\$0.0	\$0.0	\$3.9	
2018	\$115.4	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$33.1)	(\$2.7)	(\$0.0)	\$82.0	
2019	\$114.8	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$42.2)	(\$2.2)	(\$0.0)	\$72.8	
2020	\$107.8	\$2.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$37.2)	(\$3.1)	(\$0.0)	\$70.4	
2021	\$102.3	\$3.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$40.6)	(\$2.7)	(\$0.0)	\$62.1	
2022	\$97.5	\$3.3	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	\$0.0	(\$39.1)	(\$3.2)	(\$0.1)	\$41.7	
2023	\$93.4	\$3.6	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	\$0.0	(\$42.1)	(\$2.6)	(\$0.0)	\$35.5	
2024	\$90.2	\$3.7	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	(\$2.9)	(\$45.8)	(\$2.6)	(\$0.0)	\$25.8	
2025	\$87.3	\$3.9	(\$138.6)	(\$4.4)	(\$8.7)	\$0.0	(\$16.7)	\$7.7	(\$14.4)	(\$0.2)	\$0.1	(\$83.9)	
2026	\$84.4	\$3.9	(\$68.9)	(\$0.3)	(\$4.3)	\$0.0	(\$16.7)	\$0.0	(\$20.3)	(\$9.2)	\$0.1	(\$31.2)	
2027	\$81.5	\$3.9	\$11.5	(\$0.0)	\$0.8	\$0.0	(\$35.6)	\$0.0	(\$47.7)	(\$1.6)	(\$0.0)	\$12.7	
2028	\$78.6	\$3.9	\$11.0	(\$2.7)	\$0.8	(\$8.4)	(\$35.6)	(\$6.1)	(\$52.3)	(\$2.8)	(\$22.8)	(\$36.3)	
2029	\$75.7	\$4.1	(\$139.4)	(\$1.9)	(\$8.7)	\$0.6	(\$15.8)	\$20.9	(\$29.9)	(\$6.8)	(\$19.3)	(\$120.5)	
2030	\$72.8	\$4.1	(\$64.3)	(\$3.9)	(\$4.0)	(\$1.8)	(\$15.8)	\$0.0	(\$40.9)	(\$3.4)	(\$21.2)	(\$78.4)	
2031	\$69.9	\$4.0	\$22.2	\$0.1	\$1.5	(\$1.7)	(\$15.8)	\$0.0	(\$53.3)	(\$3.8)	(\$35.3)	(\$12.2)	
2032	\$67.0	\$4.1	\$21.4	(\$2.4)	\$1.5	(\$15.4)	(\$15.8)	\$0.0	(\$53.2)	(\$3.2)	(\$33.5)	(\$29.6)	
2033	\$64.1	\$4.3	(\$7.9)	\$5.5	(\$0.4)	\$1.7	(\$15.8)	\$0.0	(\$49.8)	(\$1.5)	(\$31.1)	(\$30.8)	
2034	\$61.2	\$4.4	(\$23.2)	(\$6.1)	(\$1.4)	(\$15.6)	(\$15.8)	\$0.0	(\$51.4)	(\$0.7)	(\$37.1)	(\$85.6)	
2035	\$58.3	\$4.5	(\$22.2)	\$0.7	(\$1.3)	(\$6.7)	(\$15.8)	\$0.0	(\$52.6)	(\$0.9)	(\$36.0)	(\$71.9)	
2036	\$55.4	\$4.6	(\$21.3)	(\$12.7)	(\$1.2)	(\$6.3)	(\$15.8)	\$0.0	(\$52.0)	(\$0.9)	(\$37.9)	(\$88.0)	
2037	\$52.5	\$4.6	(\$20.3)	\$14.4	(\$1.1)	\$0.1	(\$15.8)	\$0.0	(\$54.4)	(\$0.4)	(\$42.1)	(\$62.5)	
2038	\$49.6	\$4.6	(\$19.2)	(\$8.4)	(\$1.1)	(\$19.6)	(\$15.8)	\$0.0	(\$53.5)	(\$0.4)	(\$44.3)	(\$107.9)	
2039	\$46.7	\$4.7	(\$18.2)	\$3.9	(\$1.0)	(\$6.8)	(\$15.8)	\$0.0	(\$53.8)	(\$0.8)	(\$47.6)	(\$88.6)	
2040	\$43.8	\$4.9	(\$17.2)	(\$16.9)	(\$1.0)	(\$1.8)	(\$15.8)	\$0.0	(\$56.3)	(\$0.6)	(\$53.0)	(\$113.8)	
2041	\$41.0	\$5.2	(\$16.3)	\$16.1	(\$1.0)	(\$10.4)	(\$15.8)	\$0.0	(\$55.9)	(\$0.8)	(\$55.9)	(\$94.0)	
2042	\$38.1	\$5.2	(\$15.3)	(\$11.9)	(\$1.0)	(\$14.9)	(\$15.8)	\$0.0	(\$56.4)	(\$0.3)	(\$59.6)	(\$132.1)	
2043	\$35.6	\$5.0	(\$14.4)	\$8.0	(\$0.9)	(\$3.3)	(\$15.8)	\$0.0	(\$58.1)	(\$0.5)	(\$64.9)	(\$109.1)	
2044	\$33.2	\$5.1	(\$13.4)	(\$19.7)	(\$0.9)	(\$5.3)	(\$15.8)	\$0.0	(\$59.9)	(\$0.5)	(\$70.7)	(\$147.7)	
2045	\$30.9	\$5.0	(\$13.1)	\$12.1	(\$1.0)	(\$31.2)	(\$15.8)	\$0.0	(\$60.9)	\$0.2	(\$76.3)	(\$150.1)	
2046	\$28.5	\$4.7	(\$13.5)	(\$3.1)	(\$0.9)	(\$10.0)	(\$15.8)	\$0.0	(\$62.4)	(\$0.4)	(\$82.4)	(\$155.3)	
2047	\$26.1	\$4.4	(\$13.2)	\$4.6	(\$0.9)	(\$0.9)	(\$15.8)	\$0.0	(\$62.8)	(\$0.4)	(\$87.9)	(\$146.7)	
2048	\$5.6	\$2.1	(\$12.2)	(\$30.7)	(\$0.8)	(\$5.4)	(\$15.8)	\$0.0	(\$64.0)	(\$0.4)	(\$94.6)	(\$216.0)	
2049	\$0.0	\$0.0	(\$11.9)	\$22.3	(\$0.8)	(\$25.5)	(\$15.8)	\$0.0	(\$65.3)	(\$0.4)	(\$101.8)	(\$199.1)	
2050	\$0.0	\$0.0	(\$12.3)	\$1.7	(\$0.7)	(\$3.9)	(\$15.8)	\$0.0	(\$66.6)	(\$0.4)	(\$109.5)	(\$207.6)	
CPVRR =	\$969.5	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$157.8)	\$8.5	(\$519.1)	(\$29.9)	(\$226.5)	(\$195.8)	

Low Fuel Cost and ENV I

Solar Revenue Requirements		Non-Solar (Avoided) Generation Costs							Avoided System Costs			Total CPVRR (Millions)
Generation Capital (Millions)	Fixed O&M (Millions)	Generation Capital (Millions)	Fixed O&M (Millions)	Transmission Interconnection (Millions)	Capital Replacement (Millions)	Incremental Gas Transport (Millions)	Short-Term Purchases (Millions)	System Net Fuel (Millions)	Startup + VOM (Millions)	Emission (Millions)		
\$969.5	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$157.8)	\$8.5	(\$427.7)	(\$24.5)	(\$0.2)	\$127.3	

* Negative Indicates Savings to FPL Customers

Year	Solar Revenue Requirements		Non-Solar (Avoided) Generation Costs							Avoided System Costs			Total CPVRR (Millions)
	Generation Capital (Millions)	Fixed O&M (Millions)	Generation Capital (Millions)	Fixed O&M (Millions)	Transmission Interconnection (Millions)	Capital Replacement (Millions)	Incremental Gas Transport (Millions)	Short-Term Purchases (Millions)	System Net Fuel (Millions)	Startup + VOM (Millions)	Emission (Millions)		
2017	\$2.6	\$1.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$0.0)	\$0.0	\$0.0	\$3.9	
2018	\$115.4	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$29.6)	(\$0.6)	(\$0.1)	\$87.6	
2019	\$114.8	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$36.3)	(\$2.2)	(\$0.1)	\$78.7	
2020	\$107.8	\$2.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$30.8)	(\$3.2)	(\$0.0)	\$76.7	
2021	\$102.3	\$3.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$31.9)	(\$2.8)	(\$0.0)	\$70.8	
2022	\$97.5	\$3.3	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	\$0.0	(\$32.4)	(\$3.7)	(\$0.1)	\$47.9	
2023	\$93.4	\$3.6	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	\$0.0	(\$36.4)	(\$3.3)	(\$0.1)	\$40.5	
2024	\$90.2	\$3.7	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	(\$2.9)	(\$38.2)	(\$2.4)	(\$0.1)	\$33.6	
2025	\$87.3	\$3.9	(\$138.6)	(\$4.4)	(\$8.7)	\$0.0	(\$16.7)	\$7.7	(\$13.4)	\$2.2	\$0.1	(\$80.6)	
2026	\$84.4	\$3.9	(\$68.9)	(\$0.3)	(\$4.3)	\$0.0	(\$16.7)	\$0.0	(\$18.8)	(\$4.3)	\$0.1	(\$24.9)	
2027	\$81.5	\$3.9	\$11.5	(\$0.0)	\$0.8	\$0.0	(\$35.6)	\$0.0	(\$42.2)	(\$1.2)	(\$0.0)	\$18.6	
2028	\$78.6	\$3.9	\$11.0	(\$2.7)	\$0.8	(\$8.4)	(\$35.6)	(\$6.1)	(\$40.7)	(\$4.3)	(\$0.0)	(\$3.5)	
2029	\$75.7	\$4.1	(\$139.4)	(\$1.9)	(\$8.7)	\$0.6	(\$15.8)	\$20.9	(\$23.9)	(\$4.4)	\$0.1	(\$92.7)	
2030	\$72.8	\$4.1	(\$64.3)	(\$3.9)	(\$4.0)	(\$1.8)	(\$15.8)	\$0.0	(\$30.6)	(\$7.2)	\$0.0	(\$50.7)	
2031	\$69.9	\$4.0	\$22.2	\$0.1	\$1.5	(\$1.7)	(\$15.8)	\$0.0	(\$42.8)	(\$3.1)	(\$0.0)	\$34.4	
2032	\$67.0	\$4.1	\$21.4	(\$2.4)	\$1.5	(\$15.4)	(\$15.8)	\$0.0	(\$42.6)	(\$3.3)	(\$0.0)	\$14.4	
2033	\$64.1	\$4.3	(\$7.9)	\$5.5	(\$0.4)	\$1.7	(\$15.8)	\$0.0	(\$39.6)	(\$1.3)	(\$0.0)	\$10.7	
2034	\$61.2	\$4.4	(\$23.2)	(\$6.1)	(\$1.4)	(\$15.6)	(\$15.8)	\$0.0	(\$41.0)	(\$0.6)	(\$0.0)	(\$37.9)	
2035	\$58.3	\$4.5	(\$22.2)	\$0.7	(\$1.3)	(\$6.7)	(\$15.8)	\$0.0	(\$42.7)	(\$0.0)	(\$0.0)	(\$25.2)	
2036	\$55.4	\$4.6	(\$21.3)	(\$12.7)	(\$1.2)	(\$6.3)	(\$15.8)	\$0.0	(\$42.9)	\$0.6	(\$0.0)	(\$39.5)	
2037	\$52.5	\$4.6	(\$20.3)	\$14.4	(\$1.1)	\$0.1	(\$15.8)	\$0.0	(\$44.6)	\$0.3	(\$0.0)	(\$10.0)	
2038	\$49.6	\$4.6	(\$19.2)	(\$8.4)	(\$1.1)	(\$19.6)	(\$15.8)	\$0.0	(\$44.9)	(\$0.0)	(\$0.0)	(\$54.7)	
2039	\$46.7	\$4.7	(\$18.2)	\$3.9	(\$1.0)	(\$6.8)	(\$15.8)	\$0.0	(\$43.9)	(\$0.1)	(\$0.0)	(\$30.5)	
2040	\$43.8	\$4.9	(\$17.2)	(\$16.9)	(\$1.0)	(\$1.8)	(\$15.8)	\$0.0	(\$44.8)	\$0.1	(\$0.0)	(\$48.5)	
2041	\$41.0	\$5.2	(\$16.3)	\$16.1	(\$1.0)	(\$10.4)	(\$15.8)	\$0.0	(\$44.6)	(\$0.4)	(\$0.0)	(\$26.3)	
2042	\$38.1	\$5.2	(\$15.3)	(\$11.9)	(\$1.0)	(\$14.9)	(\$15.8)	\$0.0	(\$44.4)	(\$0.4)	(\$0.0)	(\$60.5)	
2043	\$35.6	\$5.0	(\$14.4)	\$8.0	(\$0.9)	(\$3.3)	(\$15.8)	\$0.0	(\$44.7)	(\$0.4)	\$0.0	(\$30.7)	
2044	\$33.2	\$5.1	(\$13.4)	(\$19.7)	(\$0.9)	(\$5.3)	(\$15.8)	\$0.0	(\$47.7)	(\$0.2)	(\$0.0)	(\$64.7)	
2045	\$30.9	\$5.0	(\$13.1)	\$12.1	(\$1.0)	(\$31.2)	(\$15.8)	\$0.0	(\$47.9)	(\$0.3)	(\$0.0)	(\$61.3)	
2046	\$28.5	\$4.7	(\$13.5)	(\$3.1)	(\$0.9)	(\$10.0)	(\$15.8)	\$0.0	(\$49.5)	(\$0.4)	\$0.0	(\$60.0)	
2047	\$26.1	\$4.4	(\$13.2)	\$4.6	(\$0.9)	(\$0.9)	(\$15.8)	\$0.0	(\$49.7)	(\$0.7)	(\$0.0)	(\$46.0)	
2048	\$5.6	\$2.1	(\$12.2)	(\$30.7)	(\$0.8)	(\$5.4)	(\$15.8)	\$0.0	(\$50.7)	(\$0.7)	(\$0.0)	(\$108.4)	
2049	\$0.0	\$0.0	(\$11.9)	\$22.3	(\$0.8)	(\$25.5)	(\$15.8)	\$0.0	(\$51.7)	(\$0.7)	(\$0.0)	(\$84.0)	
2050	\$0.0	\$0.0	(\$12.3)	\$1.7	(\$0.7)	(\$3.9)	(\$15.8)	\$0.0	(\$52.7)	(\$0.7)	(\$0.0)	(\$84.5)	
CPVRR =	\$969.5	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$157.8)	\$8.5	(\$427.7)	(\$24.5)	(\$0.2)	\$127.3	

Low Fuel Cost and ENV II

Solar Revenue Requirements		Non-Solar (Avoided) Generation Costs							Avoided System Costs			Total CPVRR (Millions)
Generation Capital (Millions)	Fixed O&M (Millions)	Generation Capital (Millions)	Fixed O&M (Millions)	Transmission Interconnection (Millions)	Capital Replacement (Millions)	Incremental Gas Transport (Millions)	Short-Term Purchases (Millions)	System Net Fuel (Millions)	Startup + VOM (Millions)	Emission (Millions)		
\$969.5	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$157.8)	\$8.5	(\$430.0)	(\$24.5)	(\$71.6)	\$53.6	

* Negative Indicates Savings to FPL Customers

Year	Solar Revenue Requirements		Non-Solar (Avoided) Generation Costs							Avoided System Costs			Total CPVRR (Millions)
	Generation Capital (Millions)	Fixed O&M (Millions)	Generation Capital (Millions)	Fixed O&M (Millions)	Transmission Interconnection (Millions)	Capital Replacement (Millions)	Incremental Gas Transport (Millions)	Short-Term Purchases (Millions)	System Net Fuel (Millions)	Startup + VOM (Millions)	Emission (Millions)		
2017	\$2.6	\$1.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$0.0)	\$0.0	\$0.0	\$3.9	
2018	\$115.4	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$29.6)	(\$0.6)	(\$0.1)	\$87.6	
2019	\$114.8	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$36.3)	(\$2.2)	(\$0.1)	\$78.7	
2020	\$107.8	\$2.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$30.8)	(\$3.2)	(\$0.0)	\$76.7	
2021	\$102.3	\$3.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$31.9)	(\$2.8)	(\$0.0)	\$70.8	
2022	\$97.5	\$3.3	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	\$0.0	(\$32.4)	(\$3.7)	(\$0.1)	\$47.9	
2023	\$93.4	\$3.6	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	\$0.0	(\$36.4)	(\$3.3)	(\$0.1)	\$40.5	
2024	\$90.2	\$3.7	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	(\$2.9)	(\$38.2)	(\$2.4)	(\$0.1)	\$33.6	
2025	\$87.3	\$3.9	(\$138.6)	(\$4.4)	(\$8.7)	\$0.0	(\$16.7)	\$7.7	(\$13.4)	\$2.2	\$0.1	(\$80.6)	
2026	\$84.4	\$3.9	(\$68.9)	(\$0.3)	(\$4.3)	\$0.0	(\$16.7)	\$0.0	(\$18.8)	(\$4.3)	\$0.1	(\$24.9)	
2027	\$81.5	\$3.9	\$11.5	(\$0.0)	\$0.8	\$0.0	(\$35.6)	\$0.0	(\$42.2)	(\$1.2)	(\$0.0)	\$18.6	
2028	\$78.6	\$3.9	\$11.0	(\$2.7)	\$0.8	(\$8.4)	(\$35.6)	(\$6.1)	(\$42.4)	(\$1.1)	(\$1.9)	(\$3.9)	
2029	\$75.7	\$4.1	(\$139.4)	(\$1.9)	(\$8.7)	\$0.6	(\$15.8)	\$20.9	(\$23.0)	(\$5.9)	(\$1.0)	(\$94.3)	
2030	\$72.8	\$4.1	(\$64.3)	(\$3.9)	(\$4.0)	(\$1.8)	(\$15.8)	\$0.0	(\$32.6)	(\$7.1)	(\$3.0)	(\$55.5)	
2031	\$69.9	\$4.0	\$22.2	\$0.1	\$1.5	(\$1.7)	(\$15.8)	\$0.0	(\$44.6)	(\$3.3)	(\$6.6)	\$25.8	
2032	\$67.0	\$4.1	\$21.4	(\$2.4)	\$1.5	(\$15.4)	(\$15.8)	\$0.0	(\$45.1)	(\$2.2)	(\$7.6)	\$5.5	
2033	\$64.1	\$4.3	(\$7.9)	\$5.5	(\$0.4)	\$1.7	(\$15.8)	\$0.0	(\$39.8)	(\$1.5)	(\$8.0)	\$2.2	
2034	\$61.2	\$4.4	(\$23.2)	(\$6.1)	(\$1.4)	(\$15.6)	(\$15.8)	\$0.0	(\$41.2)	(\$0.7)	(\$10.0)	(\$48.2)	
2035	\$58.3	\$4.5	(\$22.2)	\$0.7	(\$1.3)	(\$6.7)	(\$15.8)	\$0.0	(\$40.9)	(\$1.4)	(\$11.8)	(\$36.7)	
2036	\$55.4	\$4.6	(\$21.3)	(\$12.7)	(\$1.2)	(\$6.3)	(\$15.8)	\$0.0	(\$41.9)	(\$0.9)	(\$13.3)	(\$53.3)	
2037	\$52.5	\$4.6	(\$20.3)	\$14.4	(\$1.1)	\$0.1	(\$15.8)	\$0.0	(\$43.7)	\$0.2	(\$15.2)	(\$24.3)	
2038	\$49.6	\$4.6	(\$19.2)	(\$8.4)	(\$1.1)	(\$19.6)	(\$15.8)	\$0.0	(\$43.6)	\$0.0	(\$16.6)	(\$69.9)	
2039	\$46.7	\$4.7	(\$18.2)	\$3.9	(\$1.0)	(\$6.8)	(\$15.8)	\$0.0	(\$43.0)	(\$0.8)	(\$18.0)	(\$48.2)	
2040	\$43.8	\$4.9	(\$17.2)	(\$16.9)	(\$1.0)	(\$1.8)	(\$15.8)	\$0.0	(\$44.5)	(\$0.6)	(\$20.3)	(\$69.2)	
2041	\$41.0	\$5.2	(\$16.3)	\$16.1	(\$1.0)	(\$10.4)	(\$15.8)	\$0.0	(\$45.9)	(\$0.1)	(\$22.2)	(\$49.4)	
2042	\$38.1	\$5.2	(\$15.3)	(\$11.9)	(\$1.0)	(\$14.9)	(\$15.8)	\$0.0	(\$46.6)	(\$0.2)	(\$23.8)	(\$86.3)	
2043	\$35.6	\$5.0	(\$14.4)	\$8.0	(\$0.9)	(\$3.3)	(\$15.8)	\$0.0	(\$45.8)	(\$0.9)	(\$24.8)	(\$57.2)	
2044	\$33.2	\$5.1	(\$13.4)	(\$19.7)	(\$0.9)	(\$5.3)	(\$15.8)	\$0.0	(\$48.3)	\$0.4	(\$27.5)	(\$92.2)	
2045	\$30.9	\$5.0	(\$13.1)	\$12.1	(\$1.0)	(\$31.2)	(\$15.8)	\$0.0	(\$49.0)	\$0.3	(\$29.6)	(\$91.3)	
2046	\$28.5	\$4.7	(\$13.5)	(\$3.1)	(\$0.9)	(\$10.0)	(\$15.8)	\$0.0	(\$50.4)	\$0.0	(\$32.0)	(\$92.5)	
2047	\$26.1	\$4.4	(\$13.2)	\$4.6	(\$0.9)	(\$0.9)	(\$15.8)	\$0.0	(\$49.5)	(\$1.4)	(\$33.3)	(\$79.8)	
2048	\$5.6	\$2.1	(\$12.2)	(\$30.7)	(\$0.8)	(\$5.4)	(\$15.8)	\$0.0	(\$50.5)	(\$1.4)	(\$35.8)	(\$144.7)	
2049	\$0.0	\$0.0	(\$11.9)	\$22.3	(\$0.8)	(\$25.5)	(\$15.8)	\$0.0	(\$51.5)	(\$1.4)	(\$38.5)	(\$123.0)	
2050	\$0.0	\$0.0	(\$12.3)	\$1.7	(\$0.7)	(\$3.9)	(\$15.8)	\$0.0	(\$52.5)	(\$1.5)	(\$41.5)	(\$126.5)	
CPVRR =	\$969.5	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$157.8)	\$8.5	(\$430.0)	(\$24.5)	(\$71.6)	\$53.6	

Low Fuel Cost and ENV III

Solar Revenue Requirements		Non-Solar (Avoided) Generation Costs							Avoided System Costs			Total CPVRR
Generation Capital (Millions)	Fixed O&M (Millions)	Generation Capital (Millions)	Fixed O&M (Millions)	Transmission Interconnection (Millions)	Capital Replacement (Millions)	Incremental Gas Transport (Millions)	Short-Term Purchases (Millions)	System Net Fuel (Millions)	Startup + VOM (Millions)	Emission (Millions)	(Millions)	
\$969.5	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$157.8)	\$8.5	(\$427.9)	(\$26.2)	(\$228.7)	(\$103.1)	

* Negative Indicates Savings to FPL Customers

Year	Solar Revenue Requirements		Non-Solar (Avoided) Generation Costs							Avoided System Costs			Total CPVRR
	Generation Capital (Millions)	Fixed O&M (Millions)	Generation Capital (Millions)	Fixed O&M (Millions)	Transmission Interconnection (Millions)	Capital Replacement (Millions)	Incremental Gas Transport (Millions)	Short-Term Purchases (Millions)	System Net Fuel (Millions)	Startup + VOM (Millions)	Emission (Millions)	(Millions)	
2017	\$2.6	\$1.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$0.0)	\$0.0	\$0.0	\$3.9	
2018	\$115.4	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$29.6)	(\$0.6)	(\$0.1)	\$87.6	
2019	\$114.8	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$36.3)	(\$2.2)	(\$0.1)	\$78.7	
2020	\$107.8	\$2.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$30.8)	(\$3.2)	(\$0.0)	\$76.7	
2021	\$102.3	\$3.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$31.9)	(\$2.8)	(\$0.0)	\$70.8	
2022	\$97.5	\$3.3	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	\$0.0	(\$32.4)	(\$3.7)	(\$0.1)	\$47.9	
2023	\$93.4	\$3.6	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	\$0.0	(\$36.4)	(\$3.3)	(\$0.1)	\$40.5	
2024	\$90.2	\$3.7	\$0.0	\$0.0	\$0.0	\$0.0	(\$16.7)	(\$2.9)	(\$38.2)	(\$2.4)	(\$0.1)	\$33.6	
2025	\$87.3	\$3.9	(\$138.6)	(\$4.4)	(\$8.7)	\$0.0	(\$16.7)	\$7.7	(\$13.4)	\$2.2	\$0.1	(\$80.6)	
2026	\$84.4	\$3.9	(\$68.9)	(\$0.3)	(\$4.3)	\$0.0	(\$16.7)	\$0.0	(\$18.8)	(\$4.3)	\$0.1	(\$24.9)	
2027	\$81.5	\$3.9	\$11.5	(\$0.0)	\$0.8	\$0.0	(\$35.6)	\$0.0	(\$42.2)	(\$1.2)	(\$0.0)	\$18.6	
2028	\$78.6	\$3.9	\$11.0	(\$2.7)	\$0.8	(\$8.4)	(\$35.6)	(\$6.1)	(\$45.0)	(\$2.3)	(\$20.7)	(\$26.5)	
2029	\$75.7	\$4.1	(\$139.4)	(\$1.9)	(\$8.7)	\$0.6	(\$15.8)	\$20.9	(\$13.2)	(\$9.6)	(\$28.0)	(\$115.3)	
2030	\$72.8	\$4.1	(\$64.3)	(\$3.9)	(\$4.0)	(\$1.8)	(\$15.8)	\$0.0	(\$33.9)	(\$3.9)	(\$20.7)	(\$71.4)	
2031	\$69.9	\$4.0	\$22.2	\$0.1	\$1.5	(\$1.7)	(\$15.8)	\$0.0	(\$44.5)	(\$4.1)	(\$35.2)	(\$3.5)	
2032	\$67.0	\$4.1	\$21.4	(\$2.4)	\$1.5	(\$15.4)	(\$15.8)	\$0.0	(\$44.6)	(\$2.5)	(\$34.1)	(\$20.8)	
2033	\$64.1	\$4.3	(\$7.9)	\$5.5	(\$0.4)	\$1.7	(\$15.8)	\$0.0	(\$39.9)	(\$1.9)	(\$31.0)	(\$21.2)	
2034	\$61.2	\$4.4	(\$23.2)	(\$6.1)	(\$1.4)	(\$15.6)	(\$15.8)	\$0.0	(\$41.7)	(\$0.8)	(\$36.8)	(\$75.7)	
2035	\$58.3	\$4.5	(\$22.2)	\$0.7	(\$1.3)	(\$6.7)	(\$15.8)	\$0.0	(\$41.8)	(\$1.1)	(\$35.6)	(\$61.0)	
2036	\$55.4	\$4.6	(\$21.3)	(\$12.7)	(\$1.2)	(\$6.3)	(\$15.8)	\$0.0	(\$41.7)	(\$1.0)	(\$37.8)	(\$77.8)	
2037	\$52.5	\$4.6	(\$20.3)	\$14.4	(\$1.1)	\$0.1	(\$15.8)	\$0.0	(\$43.2)	(\$1.3)	(\$41.6)	(\$51.8)	
2038	\$49.6	\$4.6	(\$19.2)	(\$8.4)	(\$1.1)	(\$19.6)	(\$15.8)	\$0.0	(\$43.1)	(\$0.6)	(\$44.4)	(\$97.8)	
2039	\$46.7	\$4.7	(\$18.2)	\$3.9	(\$1.0)	(\$6.8)	(\$15.8)	\$0.0	(\$43.3)	(\$0.9)	(\$47.6)	(\$78.2)	
2040	\$43.8	\$4.9	(\$17.2)	(\$16.9)	(\$1.0)	(\$1.8)	(\$15.8)	\$0.0	(\$45.0)	(\$0.6)	(\$52.7)	(\$102.1)	
2041	\$41.0	\$5.2	(\$16.3)	\$16.1	(\$1.0)	(\$10.4)	(\$15.8)	\$0.0	(\$44.9)	(\$0.6)	(\$55.9)	(\$82.7)	
2042	\$38.1	\$5.2	(\$15.3)	(\$11.9)	(\$1.0)	(\$14.9)	(\$15.8)	\$0.0	(\$45.5)	(\$0.3)	(\$59.8)	(\$121.4)	
2043	\$35.6	\$5.0	(\$14.4)	\$8.0	(\$0.9)	(\$3.3)	(\$15.8)	\$0.0	(\$47.1)	(\$0.3)	(\$65.3)	(\$98.5)	
2044	\$33.2	\$5.1	(\$13.4)	(\$19.7)	(\$0.9)	(\$5.3)	(\$15.8)	\$0.0	(\$48.1)	(\$0.4)	(\$70.6)	(\$135.8)	
2045	\$30.9	\$5.0	(\$13.1)	\$12.1	(\$1.0)	(\$31.2)	(\$15.8)	\$0.0	(\$48.8)	\$0.3	(\$75.9)	(\$137.4)	
2046	\$28.5	\$4.7	(\$13.5)	(\$3.1)	(\$0.9)	(\$10.0)	(\$15.8)	\$0.0	(\$50.0)	(\$0.4)	(\$82.1)	(\$142.5)	
2047	\$26.1	\$4.4	(\$13.2)	\$4.6	(\$0.9)	(\$0.9)	(\$15.8)	\$0.0	(\$50.5)	(\$0.6)	(\$87.8)	(\$134.6)	
2048	\$5.6	\$2.1	(\$12.2)	(\$30.7)	(\$0.8)	(\$5.4)	(\$15.8)	\$0.0	(\$51.5)	(\$0.7)	(\$94.5)	(\$203.7)	
2049	\$0.0	\$0.0	(\$11.9)	\$22.3	(\$0.8)	(\$25.5)	(\$15.8)	\$0.0	(\$52.6)	(\$0.7)	(\$101.7)	(\$186.5)	
2050	\$0.0	\$0.0	(\$12.3)	\$1.7	(\$0.7)	(\$3.9)	(\$15.8)	\$0.0	(\$53.6)	(\$0.7)	(\$109.4)	(\$194.8)	
CPVRR =	\$969.5	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$157.8)	\$8.5	(\$427.9)	(\$26.2)	(\$228.7)	(\$103.1)	

QUESTION:

Please complete the table based on your most recent planning for the life of the proposed solar facilities and file it in electronic (excel) format.

RESPONSE:

Please see Attachment 1 to this Interrogatory response.

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	Total Reserve Margin Before Maintenance		Scheduled Maintenance MW	Total Reserve Margin After Maintenance		Generation Only Reserve Margin After Maintenance % of Peak
									MW	% of Peak		MW	% of Peak	
2017	26,350	492	0	4	26,846	24,009	1,851	22,157	4,689	21.2	0	4,689	21.2	11.8
2018	26,704	492	0	4	27,199	24,297	1,906	22,391	4,808	21.5	0	4,808	21.5	11.9
2019	28,247	110	0	4	28,361	24,496	1,950	22,547	5,814	25.8	0	5,814	25.8	15.8
2020	28,297	110	0	4	28,411	24,605	1,994	22,612	5,799	25.6	0	5,799	25.6	15.5
2021	28,296	110	0	4	28,409	24,717	2,038	22,679	5,730	25.3	0	5,730	25.3	14.9
2022	28,382	110	0	4	28,496	24,967	2,083	22,883	5,613	24.5	0	5,613	24.5	14.1
2023	28,467	110	0	4	28,580	25,338	2,130	23,209	5,372	23.1	0	5,372	23.1	12.8
2024	28,465	110	0	4	28,579	25,756	2,177	23,579	5,000	21.2	0	5,000	21.2	11.0
2025	28,464	284	0	4	28,752	26,137	2,224	23,914	4,838	20.2	0	4,838	20.2	10.0
2026	30,214	110	0	4	30,327	26,552	2,271	24,281	6,046	24.9	0	6,046	24.9	14.2
2027	30,212	110	0	0	30,322	26,956	2,318	24,639	5,684	23.1	0	5,684	23.1	12.5
2028	30,211	110	0	0	30,321	27,387	2,364	25,023	5,298	21.2	0	5,298	21.2	10.7
2029	30,210	498	0	0	30,708	27,916	2,411	25,505	5,203	20.4	0	5,203	20.4	10.0
2030	31,959	110	0	0	32,069	28,422	2,457	25,965	6,105	23.5	0	6,105	23.5	12.8
2031	33,058	110	0	0	33,168	28,907	2,457	26,450	6,718	25.4	0	6,718	25.4	14.7
2032	33,326	110	0	0	33,436	29,394	2,457	26,936	6,499	24.1	0	6,499	24.1	13.8
2033	32,774	110	0	0	32,884	29,861	2,457	27,404	5,481	20.0	0	5,481	20.0	10.1
2034	33,649	0	0	0	33,649	30,307	2,457	27,850	5,799	20.8	0	5,799	20.8	11.0
2035	34,523	0	0	0	34,523	30,761	2,457	28,304	6,219	22.0	0	6,219	22.0	12.2
2036	35,291	0	0	0	35,291	31,207	2,457	28,750	6,541	22.8	0	6,541	22.8	13.1
2037	35,290	0	0	0	35,290	31,634	2,457	29,177	6,113	21.0	0	6,113	21.0	11.6
2038	36,164	0	0	0	36,164	32,078	2,457	29,621	6,543	22.1	0	6,543	22.1	12.7
2039	36,163	0	0	0	36,163	32,520	2,457	30,063	6,100	20.3	0	6,100	20.3	11.2
2040	37,037	0	0	0	37,037	32,953	2,457	30,496	6,541	21.4	0	6,541	21.4	12.4
2041	37,036	0	0	0	37,036	33,292	2,457	30,835	6,201	20.1	0	6,201	20.1	11.2
2042	37,910	0	0	0	37,910	33,632	2,457	31,175	6,735	21.6	0	6,735	21.6	12.7
2043	37,944	0	0	0	37,944	33,972	2,457	31,515	6,429	20.4	0	6,429	20.4	11.7
2044	38,818	0	0	0	38,818	34,314	2,457	31,856	6,962	21.9	0	6,962	21.9	13.1
2045	38,817	0	0	0	38,817	34,655	2,457	32,198	6,619	20.6	0	6,619	20.6	12.0
2046	39,691	0	0	0	39,691	34,998	2,457	32,541	7,150	22.0	0	7,150	22.0	13.4
2047	39,690	0	0	0	39,690	35,341	2,457	32,884	6,806	20.7	0	6,806	20.7	12.3
2048	40,564	0	0	0	40,564	35,685	2,457	33,228	7,336	22.1	0	7,336	22.1	13.7
2049	40,563	0	0	0	40,563	36,030	2,457	33,573	6,990	20.8	0	6,990	20.8	12.6
2050	41,437	0	0	0	41,437	36,376	2,457	33,919	7,518	22.2	0	7,518	22.2	13.9

QUESTION:

Please explain what the Equalizing 599 MW CC is in the “No Solar Resource Plan” and what the Equalizing 291 MW CC is in the “2017-2018 Solar Resource Plan” and what they consist of.

RESPONSE:

The summer firm capacity value of the 2017-2018 Universal Solar Energy Centers has three effects on the FPL resource plan. The first of these effects is the one-year deferral of two combined cycle units which are required in-service in 2025 and 2029 in the “No Solar Resource Plan.” The second effect is to change the size and timing on two short-term power purchase agreements. The third effect is the avoidance of future combined cycle capacity. The value of this avoided capacity, based on costs of combined cycle technology, was captured by using different sized units in 2033. The 291 MW CC equalizing filler unit in the “2017-2018 Solar Resource Plan” is 308 MW smaller than the one used in the “No Solar Resource Plan”, *i.e.*, 599 MW CC equalizing filler unit. The 308 MW differential is due to the summer firm capacity value of the 2017-2018 Universal Solar Energy Centers.

QUESTION:

Please refer to the EXH JE-4. For both the “No Solar Resource Plan” and the “2017-2018 Solar Resource Plan” please provide the reserve margin percentage that each year was evaluated at in the table below.

RESPONSE:

Please see Attachment 1 to this Interrogatory response.

Year	No Solar Plan		2017-2018 Solar Plan	
	Total Reserve Margin After Maintenance % of Peak	Generation Only Reserve Margin After Maintenance % of Peak	Total Reserve Margin After Maintenance % of Peak	Generation Only Reserve Margin After Maintenance % of Peak
2017	21.2	11.8	21.2	11.8
2018	20.0	10.6	21.5	11.9
2019	24.4	14.5	25.8	15.8
2020	24.2	14.2	25.6	15.5
2021	23.9	13.6	25.3	14.9
2022	23.1	12.9	24.5	14.1
2023	21.8	11.5	23.1	12.8
2024	20.2	10.0	21.2	11.0
2025	25.5	14.8	20.2	10.0
2026	23.6	13.0	24.9	14.2
2027	21.8	11.3	23.1	12.5
2028	20.4	10.0	21.2	10.7
2029	24.5	13.8	20.4	10.0
2030	22.3	11.7	23.5	12.8
2031	24.2	13.7	25.4	14.7
2032	23.0	12.7	24.1	13.8
2033	20.0	10.1	20.0	10.1

QUESTION:

Please detail what transmission upgrades will be necessary for completing each solar project in 2017 and 2018 and all costs associated with them. Please provide this in electronic (Excel) format.

RESPONSE:

There are no upgrades to existing transmission infrastructure required as part of the construction of the 2017 and 2018 Universal Solar Energy Centers.

QUESTION:

Please refer to EXH JE-4. In both the No Solar and 2017-2018 Solar Plans multiple Power Purchase Agreements are mentioned.

- a. Has FPL identified any possible parties?
- b. When would commitment dates be anticipated?

RESPONSE:

- a. The No Solar Plan and the 2017-2018 Solar Plan both show the need for several one-year power purchase agreements from 2024 to 2029, ranging in size from 33 MW to 388 MW (see table below). FPL has not identified any specific parties for any of these purchase power agreements but is confident that it can find the required capacity in the market if needed.
- b. FPL regularly assesses market conditions and will make a timely determination on when to enter into specific agreements.

Short Term Purchase Power Agreements		
	No Solar Plan	2017-2018 Solar Plan
2024	69 MW PPA	
2025		174 MW PPA
2026		
2027		
2028	118 MW PPA	
2029		388 MW PPA

QUESTION:

For all planned solar generation, please detail the depreciation life and actual life of each individual unit.

RESPONSE:

Exhibit D to FPL's 2016 Settlement Agreement approved by the FPSC in Order No. PSC-16-0560-AS-EI sets forth depreciation parameters and depreciation rates. The depreciation life for photovoltaic solar is 30 years and is applicable to each unit for all of FPL's planned solar generation. In its CPVRR analysis FPL assumed that these projects had an actual life of 33 years, with the CPVRR analysis ending in 2050.

QUESTION:

Please refer to EXH JE-5.

- a. For Solar Revenue Requirement, please provide an explanation of what costs are included in each category (Generation Capital, Fixed O&M, etc...) and how these costs were calculated. Particularly, please explain if Transmission Capital is included in the Generation Capital category.
- b. If Transmission Capital is included in the Generation Capital category, please provide the amount that is in Generation Capital. If not, please provide a revised exhibit that includes Transmission Capital.
- c. For Non-Solar Generation Costs, please provide an explanation of what costs are included in each category (Generation Capital, Fixed O&M, etc.) and how these costs were calculated.
- d. For Avoided System Costs, please provide an explanation of what costs are included in each category (System Net Fuel, etc...) and how these costs were calculated.
- e. Please refer to the Solar Revenue Requirements. Please explain if Transmission Capital is included in the Generation Capital Column. If so, please provide the amount that is in Generation Capital. If not, please provide a revised exhibit that includes Transmission Capital.

RESPONSE:

- a. Yes, Transmission Capital is included in the Generation Capital Category. Please see FPL's response to Staff's Third Set of Interrogatories, No. 11a for an explanation of what costs are included in each category.
- b. Please see FPL's response to Staff's Third Set of Interrogatories, No. 18a.
- c. Please see FPL's response to Staff's Third Set of Interrogatories, No. 11a.
- d. Please see response to Staff's Third Set of Interrogatories, No. 18c.
- e. Yes, Transmission Capital is included in the Generation Capital column. Please see Attachment 1 to this Interrogatory response for these values.

Solar Revenue Requirements	
Generation Capital (Millions)	Transmission Interconnection (Millions)
\$948.0	\$21.5

Year	Solar Revenue Requirements	
	Generation Capital (Millions)	Transmission Interconnection (Millions)
2017	\$2.6	\$0.0
2018	\$112.8	\$2.6
2019	\$112.2	\$2.6
2020	\$105.4	\$2.4
2021	\$100.0	\$2.3
2022	\$95.3	\$2.2
2023	\$91.3	\$2.1
2024	\$88.2	\$2.0
2025	\$85.4	\$1.9
2026	\$82.5	\$1.9
2027	\$79.7	\$1.8
2028	\$76.9	\$1.7
2029	\$74.0	\$1.7
2030	\$71.2	\$1.6
2031	\$68.4	\$1.5
2032	\$65.6	\$1.5
2033	\$62.7	\$1.4
2034	\$59.9	\$1.3
2035	\$57.1	\$1.3
2036	\$54.2	\$1.2
2037	\$51.4	\$1.1
2038	\$48.6	\$1.1
2039	\$45.7	\$1.0
2040	\$42.9	\$0.9
2041	\$40.1	\$0.9
2042	\$37.3	\$0.8
2043	\$34.9	\$0.7
2044	\$32.6	\$0.7
2045	\$30.2	\$0.6
2046	\$27.9	\$0.6
2047	\$25.6	\$0.5
2048	\$5.5	\$0.1
2049	\$0.0	\$0.0
2050	\$0.0	\$0.0
CPVRR =	\$948.0	\$21.5

QUESTION:

Please detail if the planned 2017-2018 solar generation is intended to meet reliability, reserve margin, or another concern.

RESPONSE:

The primary purpose of the 2017-2018 Universal Solar Energy Centers is to provide customers cost-effective clean renewable energy. Additionally, these large-scale solar projects will diversify FPL's fuel mix. The projects also provide firm capacity in the summer, and therefore help meet FPL's need for future capacity to satisfy generation system reliability requirements.

QUESTION:

Please refer to EXH JE-7. Please explain the variance from the trend in Avoided CO₂, SO₂ and NO_x Tons that occurs in 2025, 2026, 2029 and 2030.

RESPONSE:

The variance from the trend in avoided CO₂, SO₂ and NO_x emissions seen in the years 2025, 2026, 2029 and 2030 is due to the one-year deferral of the green-field combined cycle units placed in-service, in the No-Solar resource plan, in mid-2025 and mid-2029. Deferring these two units results in a one-year reduction in the system efficiency benefits that they bring to the system. This reduction in system efficiency results in a temporary increase in the use of fossil fuels and air emissions relative to the trend.

QUESTION:

Please refer to EXH JE-6. Please explain the decreased Avoided Natural Gas MMCF, Oil Barrels and Coal Short Tons in 2025, 2026, 2029 and 2030.

RESPONSE:

Please see FPL's response to Staff's Third Set of Interrogatories, No. 20.

QUESTION:

Please refer to EXH JE-6. Please explain how calculations were made for each category and provide an example using the year 2018.

RESPONSE:

The UPLAN production costing model was used to project FPL's fuel consumption for both the No Solar Plan and the 2017-2018 Solar Plan. The projected fuel use for each of the cases in MMBTUs was obtained directly from the model and then converted to Barrels for oil, Tons for coal, and Million Cubic Feet (MMCF) for gas on a spreadsheet. Please see Attachment 1 to this Interrogatory response for the example calculation for the year 2018.

Year = 2018

	No Solar Plan			
	Fuel Consumption (MMBTU)	Natural Gas (MMCF)	Oil (Barrels)	Coal (Short Tons)
<i>Gas</i>	587,526,518	587,527	---	---
1% Sulfur Oil	586,237	---	91,600	---
0.3% Sulfur Oil	553,604	---	94,958	---
<i>Total Oil</i>	<i>1,139,841</i>	---	<i>186,557</i>	---
Scherer Coal	16,234,114	---	---	966,316
SJRPP Coal	7,298,020	---	---	331,728
<i>Total Coal</i>	<i>23,532,134</i>	---	---	<i>1,298,045</i>

	2017-2018 Solar Plan			
	Fuel Consumption (MMBTU)	Natural Gas (MMCF)	Oil (Barrels)	Coal (Short Tons)
<i>Gas</i>	579,361,569	579,362	---	---
1% Sulfur Oil	301,794	---	47,155	---
0.3% Sulfur Oil	390,148	---	66,921	---
<i>Total Oil</i>	<i>691,942</i>	---	<i>114,076</i>	---
Scherer Coal	15,174,945	---	---	903,271
SJRPP Coal	7,017,056	---	---	318,957
<i>Total Coal</i>	<i>22,192,001</i>	---	---	<i>1,222,228</i>

	Avoided Fossil Fuel			
	Fuel Consumption (MMBTU)	Natural Gas (MMCF)	Oil (Barrels)	Coal (Short Tons)
<i>Gas</i>	8,164,949	8,165	---	---
1% Sulfur Oil	284,443	---	44,444	---
0.3% Sulfur Oil	163,457	---	28,037	---
<i>Total Oil</i>	<i>447,899</i>	---	<i>72,481</i>	---
Scherer Coal	1,059,170	---	---	63,046
SJRPP Coal	280,963	---	---	12,771
<i>Total Coal</i>	<i>1,340,133</i>	---	---	<i>75,817</i>

Heat Content :

- Gas = approximately 1,000 MMBTU/MMCF
- 1% Sulfur Oil = 6.4 MMBTU/Barrel
- 0.3% Sulfur Oil = 5.83 MMBTU/Barrel
- Scherer Coal = 16.8 MMBTU/Ton
- SJRPP Coal = 22 MMBTU/Ton

QUESTION:

Please provide a comparison of the 2017-2018 Solar Plan to customer-owned residential rooftop installations with an equivalent installed capacity. Please assume a residential customer installs 5kW rooftop systems at each residence. Please include any assumptions and how these assumptions were made.

RESPONSE:

For the purpose of this comparison, FPL determined the number of distributed 5 kW systems that would provide the same firm capacity value as that provided by FPL's 2017-2018 Universal Solar Energy Centers. To develop the capital cost and energy performance assumptions used in this analysis for the 5 kW systems, FPL started with actual data available from the first quarter of 2017, and then proceeded to reduce these costs and increase the energy output for use in the economic analysis requested. FPL also assumed that the 5 kW systems would have the same firm capacity value, O&M costs, and useful life as FPL's 2017-2018 Universal Solar Energy Centers. FPL made these modifications to the assumptions even though it expects that 5 kW systems will have higher actual capital costs and lower energy output than the values used in this analysis, and also expects that they will have significantly higher O&M costs, lower firm capacity value, and lower useful life than universal solar systems. These assumptions are listed in Attachment 1 to this Interrogatory response.

Attachment 2 to this Interrogatory response shows the results of the requested economic comparison. The case based on the installation of 5 kW systems results in an increase in Cumulative Present Value of Revenue Requirements (CPVRR) of \$1,478.9 million. This compares to a reduction of \$38.6 million in CPVRR for FPL's 2017-2018 Universal Solar Energy Centers.

Assumptions

Energy Assumptions:

DC/AC	1.25	Ratio
AC	5	kW
Annual energy year 1	1,927	kWh per kW AC
Annual energy Per 5 kW ac installation	9,635	kWh per kW AC
Firm capacity value summer	50%	
Firm capacity value summer per installation	2.51	kW AC
Annual degradation	0.3%	
Capacity Factor	22%	
Reduction in T&D losses	5%	

Number of installations required:

	2017-2018 SoBRA Projects		Distributed 5 kW systems	
	Nameplate MW	SoBRA firm capacity MW	Installations required based on firm	Equivalent nameplate capacity MW _{ac}
			capacity	
2017	298	161	60,879	304
2018	298	161	60,879	304
Total¹⁰	596	322	121,759	609

Capital cost assumptions:

Cost	3,000	\$ / kW dc
Cost	3,750	\$ / kW ac
Cost per installation	18,750	\$
Cost for all installations in 2017	\$1,141	\$ Millions
Cost for all installations in 2018	\$1,141	\$ Millions
Depreciation Life	30	Years

Footnotes:

1. For this comparison, FPL determined the number of distributed 5 kW systems that provide the same firm capacity value as that provided by FPL's 2017-2018 Solar Projects.
2. The starting point for the capital costs and energy performance assumptions for the 5 kW systems was based on the cost of residential system installed first quarter of 2017. To give the 5 kW systems the benefit of the doubt, FPL reduced these actual capital costs and increased the performance to the numbers shown in this table.
3. Even though the depreciation life of distributed solar is expected to be shorter than that of universal life, a 30-year depreciation life was assumed for the 5 kW projects.
4. The O&M cost for the distributed 5 kW projects is expected to be significantly higher than the O&M costs for FPL's 2017-2018 Solar Projects. However, for this project FPL assumed that they would have the same O&M cost, per kW, as FPL's projects. These O&M costs do not include land costs or rooftop lease payments.
5. For this comparison, FPL assumed that the distributed solar projects reduce T&D losses, even though FPL has no actual data on reductions of losses from residential distributed PV installations. A 5% T&D loss reduction factor was assumed for both energy and capacity.
6. The firm capacity value was determined using the same methodology as that used for FPL's 2017-2018 Solar Projects. This assumes optimal placement and location and does not reflect actual data. Firm capacity value for actual 5 kW systems is expected to be lower.
7. For this analysis, it was assumed that the 5 kW systems do not result in incremental property tax and insurance costs.

QUESTION:

Please refer to the testimony of Witness Brannen page 3, Lines 4 to 9. Please explain if “components” includes: Solar energy collectors, photovoltaic modules, inverters, Power conditioning and storage devices that store or use solar energy, wiring, structural supports and other components used as integral parts of the systems. If not, please explain what is included in the term.

- a. For each 2017- 2018 solar project please explain and provide the cost of all components included in the calculation used towards the \$1750 kWac cost cap.
- b. List all transmission & distribution costs associated with these systems.

RESPONSE:

Yes. The term “components” does include solar energy collectors, photovoltaic modules, inverters, Power conditioning and storage devices that store or use solar energy, wiring, structural supports, and other components used as integral parts of the systems.

a.

2017 Solar	Estimated Cost (\$MM)	\$/kW	2018 Solar	Estimated Cost (\$MM)	\$/kW
PV Array ⁽¹⁾	█	█	PV Array ⁽¹⁾	█	█
Transmission Interconnect and Integration ⁽²⁾	\$30	\$102	Transmission Interconnect and Integration ⁽²⁾	\$34	\$115
Land	\$12	\$42	Land	\$18	\$59
AFUDC	\$16	\$54	AFUDC	\$18	\$59
Total	█	█	Total	█	█

⁽¹⁾ PV array includes: Panels, Racking & Posts, Collection Cables, EPC Contractor, and Development & Project Management Expenses.

⁽²⁾ Transmission Interconnect & Integration includes: Generator Step-up Transformers and Substation materials and contractor scope.

- b. Please refer to FPL’s response to Staff’s Third Set of Interrogatories, No. 24(a) for the transmission and distribution costs associated with these systems.

QUESTION:

Please refer to EXH WFB-3. For the figures on pages: 2, 4, 5 and 8 please explain the unused areas of the highlighted parcels for each site. This explanation should mention if the unused areas can possibly be used for future solar development.

RESPONSE:

Each parcel was purchased from a single owner under one purchase agreement for the intended site. Unused areas on each site contain various restrictions that include features such as jurisdictional wetlands, conservation easements, future county road use agreements, and regulated habitat. Outside of these restricted areas, there may be residual land that could be deemed suitable for solar. There are, however, no current plans to build additional solar facilities on such land.

DECLARATION

I sponsored the answers to Interrogatory Nos. 15, 24 and 25 from **STAFF'S THIRD SET OF INTERROGATORIES (NOS. 13-25)** to Florida Power & Light Company in Docket No. 170001-EI, and that the responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.

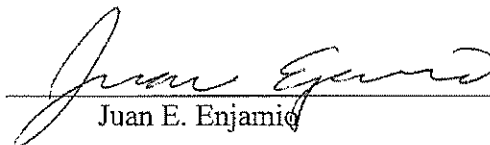

William F. Brannen

Date: June 13, 2017

DECLARATION

I sponsored the answers to Interrogatory Nos. 11 through 14, 16 and 18 through 23 from **STAFF'S THIRD SET OF INTERROGATORIES (NOS. 13-25)** to Florida Power & Light Company in Docket No. 170001-EI, and that the responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.



Juan E. Enjamio

Date: 6/13/2017