

FPL's Responses to Staff's Seventh Set of
Interrogatories Nos. 70-72.

**Additional files contained on Staff
Hearing Exhibits CD for No. 70**

QUESTION:

Please refer to Exhibit CRR-2 filed by FPL witness Charles Rote on August 24, 2017. Please explain the impact of the proposed SJRPP Transaction in Docket 20170123-EI to the GPIF targets and ranges. As part of the response, please provide the estimated SJRPP shut down date if the SJRPP Transaction is approved, and the spreadsheet schedules, in format such as Excel, showing the GPIF targets and ranges with and without the effect of the SJRPP Transaction.

RESPONSE:

On September 25, 2017, the Commission approved a stipulation and settlement between FPL and OPC that allows FPL to move forward with the SJRPP Transaction. The estimated SJRPP shut down date is January 5, 2018. Attachment 1 shows the GPIF targets and ranges, with and without the effect of the SJRPP Transaction.

QUESTION:

Land. Please refer to Attachment 1 in FPL's response to staff's Interrogatory No. 61. Please identify the amount of acreage considered state or federally jurisdictional wetlands, drainage improvements, county or improvement setback areas, or shared easements, that fall under "Residential Land" for Windflower, Indian River, Hammock and Loggerhead Solar Energy Centers.

RESPONSE:

FPL has prepared a summary table, enclosed as Attachment I to provide the requested information regarding the "residual land" category for the Wildflower, Indian River, Hammock, and Loggerhead properties.

During the preparation of this response, FPL discovered an omission in the previously provided acreage in Response 61 for the Hammock property. In the original submission, FPL identified 337 acres as Non-Usable Land (primarily impoundment area) and 213.1 acres as Residual Land. The correct numbers are 285.67 acres for the Non Usable land (the impoundment area), and the Residual Land amount is 264.43 acres. These correct values are reflected in Attachment I.

Staff requested information on four sub-categories of "residual land":

1. State or federally jurisdictional wetlands
2. Drainage improvements
3. County or improvement district setback areas
4. Shared easements

FPL's methodology for calculating each of the requested acreages is described below:

1. State or federally jurisdictional wetlands – these areas were determined using information obtained during field delineations of the wetland features which occurred during the development phase of each site whenever possible. In the absence of this field data at a site, FPL utilized National Wetland Inventory database information to determine the acreage of state and federally jurisdictional wetlands. In some cases, features that would be considered jurisdictional wetlands are also drainage features such as canals. In most cases, FPL has counted these features as "Drainage Improvements" as noted in Attachment I.
2. Drainage improvements – these areas have been determined using a combination of aerial imagery as well as title/survey information to calculate the areas occupied by canals, ditches, or other features intended to convey storm-water or irrigation water. As noted above, these features may also be jurisdictional wetlands.

3. County or improvement district setback areas – we have utilized information learned and incorporated into the site plan approvals for each proposed solar site to estimate what setbacks would be applicable to the residual land in question if subsequent development were to take place. These are estimates but should provide a reasonable representation of the setback requirements that a County or improvement district may require during future development.
4. Shared easements – these areas reflect encumbrances identified using available survey and title information that are not otherwise classified in one of the categories above.

2017 Project

Wildflower Solar Energy Center		Acres	Description
Total Residual Land		255.22	
State / Federal Wetlands		11.7	Wetland acreage based on National Wetland Inventory database - actual acreage of wetlands may vary slightly.
Drainage Improvements		0	
County / Improvement District Setback		0	
Shared Easements		0	
Remaining Residual Land		243.52	
Indian River Solar Energy Center		Acres	Description
Total Residual Land		307.82	
State / Federal Wetlands		0	
Drainage Improvements		7.97	Consists of major drainage canals running east / west through site - these canals could also be considered jurisdictional wetlands (based on NWI database).
County / Improvement District Setback		47.54	Improvement district setback requirements exist along interior canals and perimeter roadways.
Shared Easements		0	
Remaining Residual Land		252.31	

2018 Project

Hammock Solar Energy Center		Acres	Description
Total Residual Land		264.43	Increase in 51.33 acres from Response #61 - previous submittal calculated the impoundment area acreage incorrectly.
State / Federal Wetlands		0.44	Based on field verification. Total does not include other wetlands that are counted as drainage improvements.
Drainage Improvements		34.24	Includes drainage easements adjacent or co-located with canals. Canals would also be considered jurisdictional wetlands.
County / Improvement District Setback		0	
Shared Easements		54.15	Includes all other easements that are not categorized as drainage improvements as described above.
Remaining Residual Land		175.6	
Loagthead Solar Energy Center		Acres	Description
Total Residual Land		139.3	
State / Federal Wetlands		0	
Drainage Improvements		21.7	Includes canals in areas east and west of fenced area, but excludes canal in SFWMD easement to the south of fenced area (this is accounted for in "shared easement" category). Canals would also likely be considered jurisdictional wetlands.
County / Improvement District Setback		0	
Shared Easements		5.7	Includes SFWMD canal/easement along south end of property. Canal would also likely be considered jurisdictional wetland.
Remaining Residual Land		111.9	

QUESTION:

Forecast. Please refer to FPL's responses to staff's Interrogatory No. 65(c). Please provide the Medium Fuel Forecast assuming ENV I, ENV II and ENV III without generation-only reserve margin.

RESPONSE:

As requested, the economic analysis previously presented in the response to Staff Interrogatory 65(c) has been updated to exclude FPL's generation only reserve margin (GRM). The results of this update are presented in Attachment 1, which shows CPVRR impacts using FPL's Medium Fuel Forecast and the three environmental emission price scenarios (ENV I, ENV II, and ENV III). As in the response to 65(c), this updated analysis assumes that the Dania Beach Energy Center unit will be placed in-service in 2022.

FPL has also provided a comparison of resource plans developed with and without FPL's GRM. Attachment 2-Table 1 shows the resource plans developed using both the summer reserve margin and GRM criteria, as previously provided in the response to 65(a). Attachment 2- Table 2 shows the summer reserve margin and the resulting resource plan, assuming no GRM. As can be seen in these tables, removing the GRM results in a very small impact on the generation resource plans. This impact is limited to small reductions in the size of one-year purchase power agreements for the years 2024, 2025, 2028, and 2029. Because of the relatively small change between both sets of resource plans, removing the GRM has very small impact on the economics of the FPL Solar Projects.

**Fuel and Environmental Sensitivities - includes Dania Beach In-service
without Generation-Only Reserve Margin**

Fuel Cost Forecast -----	Environmental Compliance Cost Forecast -----	Total Cost Difference Plan: Solar minus No Solar (Millions) -----
Medium Fuel Cost	Env I	(\$25)
Medium Fuel Cost	Env II	(\$96)
Medium Fuel Cost	Env III	(\$249)

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

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)
\$902.3	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$130.4)	(\$18.1)	(\$511.1)	(\$26.8)	(\$0.2)	(\$24.8)

* 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	\$2.5	\$1.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$0.0)	\$0.0	\$0.0	\$3.8
2018	\$107.0	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$10.1)	(\$34.7)	(\$2.3)	(\$0.1)	\$62.3
2019	\$106.6	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$5.1)	(\$43.6)	(\$3.6)	(\$0.0)	\$56.7
2020	\$100.0	\$2.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$6.3)	(\$37.5)	(\$3.3)	(\$0.0)	\$55.6
2021	\$94.8	\$3.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$9.6)	(\$40.7)	(\$3.1)	(\$0.0)	\$44.6
2022	\$90.3	\$3.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$37.8)	(\$3.1)	(\$0.0)	\$52.7
2023	\$86.5	\$3.6	\$0.0	\$0.0	\$0.0	\$0.0	(\$17.1)	\$0.0	(\$39.8)	(\$1.7)	(\$0.0)	\$31.4
2024	\$83.6	\$3.7	\$0.0	\$0.0	\$0.0	\$0.0	(\$17.1)	(\$0.3)	(\$42.4)	(\$2.4)	(\$0.0)	\$25.0
2025	\$80.9	\$3.9	(\$138.6)	(\$4.4)	(\$8.7)	\$0.0	(\$17.1)	\$4.2	(\$18.4)	(\$0.8)	\$0.1	(\$99.0)
2026	\$78.3	\$3.9	(\$68.9)	(\$0.3)	(\$4.3)	\$0.0	(\$17.1)	\$0.0	(\$27.0)	(\$3.9)	\$0.0	(\$39.2)
2027	\$75.6	\$3.9	\$11.5	(\$0.0)	\$0.8	\$0.0	(\$17.1)	\$0.0	(\$44.9)	(\$2.4)	(\$0.0)	\$27.3
2028	\$73.0	\$3.9	\$11.0	(\$2.7)	\$0.8	(\$8.4)	(\$17.1)	\$0.0	(\$46.6)	(\$3.8)	(\$0.0)	\$10.0
2029	\$70.3	\$4.1	(\$139.4)	(\$1.9)	(\$8.7)	\$0.6	\$2.7	\$14.1	(\$32.6)	(\$1.5)	\$0.0	(\$92.2)
2030	\$67.7	\$4.1	(\$64.3)	(\$3.9)	(\$4.0)	(\$1.8)	(\$17.6)	\$0.0	(\$33.1)	(\$4.8)	\$0.0	(\$57.8)
2031	\$65.0	\$4.0	\$22.2	\$0.1	\$1.5	(\$1.7)	(\$17.6)	\$0.0	(\$46.5)	(\$1.8)	(\$0.0)	\$25.3
2032	\$62.4	\$4.1	\$21.4	(\$2.4)	\$1.5	(\$15.4)	(\$17.6)	\$0.0	(\$46.9)	(\$4.0)	(\$0.0)	\$2.9
2033	\$59.7	\$4.3	(\$7.9)	\$5.5	(\$0.4)	\$1.7	(\$17.6)	\$0.0	(\$49.6)	(\$1.3)	\$0.0	(\$5.6)
2034	\$57.1	\$4.4	(\$23.2)	(\$6.1)	(\$1.4)	(\$15.6)	(\$17.6)	\$0.0	(\$50.0)	(\$1.3)	(\$0.0)	(\$53.7)
2035	\$54.5	\$4.5	(\$22.2)	\$0.7	(\$1.3)	(\$6.7)	(\$17.6)	\$0.0	(\$51.4)	(\$1.1)	(\$0.0)	(\$40.8)
2036	\$51.8	\$4.6	(\$21.3)	(\$12.7)	(\$1.2)	(\$6.3)	(\$17.6)	\$0.0	(\$51.7)	(\$0.8)	(\$0.0)	(\$55.2)
2037	\$49.2	\$4.6	(\$20.3)	\$14.4	(\$1.1)	\$0.1	(\$17.6)	\$0.0	(\$52.3)	(\$0.7)	(\$0.0)	(\$23.9)
2038	\$48.0	\$4.6	(\$19.2)	(\$8.4)	(\$1.1)	(\$19.6)	(\$17.6)	\$0.0	(\$54.0)	(\$1.0)	(\$0.0)	(\$68.2)
2039	\$45.2	\$4.7	(\$18.2)	\$3.9	(\$1.0)	(\$6.8)	(\$17.6)	\$0.0	(\$53.9)	(\$1.1)	(\$0.0)	(\$44.8)
2040	\$42.4	\$4.9	(\$17.2)	(\$16.9)	(\$1.0)	(\$1.8)	(\$17.6)	\$0.0	(\$55.8)	(\$0.4)	(\$0.0)	(\$63.4)
2041	\$39.6	\$5.2	(\$16.3)	\$16.1	(\$1.0)	(\$10.4)	(\$17.6)	\$0.0	(\$56.7)	(\$0.5)	(\$0.0)	(\$41.7)
2042	\$36.8	\$5.2	(\$15.3)	(\$11.9)	(\$1.0)	(\$14.9)	(\$17.6)	\$0.0	(\$57.2)	(\$1.0)	(\$0.0)	(\$77.0)
2043	\$34.5	\$5.0	(\$14.4)	\$8.0	(\$0.9)	(\$3.3)	(\$17.6)	\$0.0	(\$58.0)	(\$0.3)	(\$0.0)	(\$47.0)
2044	\$32.2	\$5.1	(\$13.4)	(\$19.7)	(\$0.9)	(\$5.3)	(\$17.6)	\$0.0	(\$60.4)	(\$0.4)	(\$0.0)	(\$80.4)
2045	\$29.9	\$5.0	(\$13.1)	\$12.1	(\$1.0)	(\$31.2)	(\$17.6)	\$0.0	(\$61.5)	\$0.2	(\$0.0)	(\$77.3)
2046	\$27.6	\$4.7	(\$13.5)	(\$3.1)	(\$0.9)	(\$10.0)	(\$17.6)	\$0.0	(\$60.4)	(\$0.1)	(\$0.0)	(\$73.4)
2047	\$25.3	\$4.4	(\$13.2)	\$4.6	(\$0.9)	(\$0.9)	(\$17.6)	\$0.0	(\$60.7)	\$0.0	(\$0.0)	(\$59.0)
2048	\$5.5	\$2.1	(\$12.2)	(\$30.7)	(\$0.8)	(\$5.4)	(\$17.6)	\$0.0	(\$61.9)	\$0.1	(\$0.0)	(\$120.9)
2049	\$0.0	\$0.0	(\$11.9)	\$22.3	(\$0.8)	(\$25.5)	(\$17.6)	\$0.0	(\$63.2)	\$0.1	(\$0.0)	(\$96.6)
2050	\$0.0	\$0.0	(\$12.3)	\$1.7	(\$0.7)	(\$3.9)	(\$17.6)	\$0.0	(\$64.4)	\$0.1	(\$0.0)	(\$97.3)
CPVRR =	\$902.3	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$130.4)	(\$18.1)	(\$511.1)	(\$26.8)	(\$0.2)	(\$24.8)

Medium 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)	
\$902.3	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$130.4)	(\$18.1)	(\$512.8)	(\$25.6)	(\$71.3)	(\$96.4)

* 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	\$2.5	\$1.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$0.0)	\$0.0	\$0.0	\$3.8
2018	\$107.0	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$10.1)	(\$34.7)	(\$2.3)	(\$0.1)	\$62.3
2019	\$106.6	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$5.1)	(\$43.6)	(\$3.6)	(\$0.0)	\$56.7
2020	\$100.0	\$2.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$6.3)	(\$37.5)	(\$3.3)	(\$0.0)	\$55.6
2021	\$94.8	\$3.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$9.6)	(\$40.7)	(\$3.1)	(\$0.0)	\$44.6
2022	\$90.3	\$3.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$37.8)	(\$3.1)	(\$0.0)	\$52.7
2023	\$86.5	\$3.6	\$0.0	\$0.0	\$0.0	\$0.0	(\$17.1)	\$0.0	(\$39.8)	(\$1.7)	(\$0.0)	\$31.4
2024	\$83.6	\$3.7	\$0.0	\$0.0	\$0.0	\$0.0	(\$17.1)	(\$0.3)	(\$42.4)	(\$2.4)	(\$0.0)	\$25.0
2025	\$80.9	\$3.9	(\$138.6)	(\$4.4)	(\$8.7)	\$0.0	(\$17.1)	\$4.2	(\$18.4)	(\$0.8)	\$0.1	(\$99.0)
2026	\$78.3	\$3.9	(\$68.9)	(\$0.3)	(\$4.3)	\$0.0	(\$17.1)	\$0.0	(\$27.0)	(\$3.9)	\$0.0	(\$39.2)
2027	\$75.6	\$3.9	\$11.5	(\$0.0)	\$0.8	\$0.0	(\$17.1)	\$0.0	(\$44.9)	(\$2.4)	(\$0.0)	\$27.3
2028	\$73.0	\$3.9	\$11.0	(\$2.7)	\$0.8	(\$8.4)	(\$17.1)	\$0.0	(\$48.1)	(\$1.6)	(\$1.9)	\$8.9
2029	\$70.3	\$4.1	(\$139.4)	(\$1.9)	(\$8.7)	\$0.6	\$2.7	\$14.1	(\$31.5)	(\$1.6)	(\$1.3)	(\$92.5)
2030	\$67.7	\$4.1	(\$64.3)	(\$3.9)	(\$4.0)	(\$1.8)	(\$17.6)	\$0.0	(\$31.7)	(\$4.8)	(\$2.4)	(\$58.8)
2031	\$65.0	\$4.0	\$22.2	\$0.1	\$1.5	(\$1.7)	(\$17.6)	\$0.0	(\$44.9)	(\$3.4)	(\$4.6)	\$20.6
2032	\$62.4	\$4.1	\$21.4	(\$2.4)	\$1.5	(\$15.4)	(\$17.6)	\$0.0	(\$48.6)	(\$3.4)	(\$6.4)	(\$4.4)
2033	\$59.7	\$4.3	(\$7.9)	\$5.5	(\$0.4)	\$1.7	(\$17.6)	\$0.0	(\$49.3)	(\$1.3)	(\$8.0)	(\$13.3)
2034	\$57.1	\$4.4	(\$23.2)	(\$6.1)	(\$1.4)	(\$15.6)	(\$17.6)	\$0.0	(\$49.2)	(\$0.8)	(\$9.7)	(\$62.0)
2035	\$54.5	\$4.5	(\$22.2)	\$0.7	(\$1.3)	(\$6.7)	(\$17.6)	\$0.0	(\$50.9)	(\$1.3)	(\$11.9)	(\$52.3)
2036	\$51.8	\$4.6	(\$21.3)	(\$12.7)	(\$1.2)	(\$6.3)	(\$17.6)	\$0.0	(\$51.5)	(\$0.9)	(\$13.1)	(\$68.3)
2037	\$49.2	\$4.6	(\$20.3)	\$14.4	(\$1.1)	\$0.1	(\$17.6)	\$0.0	(\$52.8)	(\$1.0)	(\$14.8)	(\$39.4)
2038	\$48.0	\$4.6	(\$19.2)	(\$8.4)	(\$1.1)	(\$19.6)	(\$17.6)	\$0.0	(\$53.5)	(\$0.3)	(\$16.4)	(\$83.4)
2039	\$45.2	\$4.7	(\$18.2)	\$3.9	(\$1.0)	(\$6.8)	(\$17.6)	\$0.0	(\$53.4)	(\$1.1)	(\$17.9)	(\$62.2)
2040	\$42.4	\$4.9	(\$17.2)	(\$16.9)	(\$1.0)	(\$1.8)	(\$17.6)	\$0.0	(\$56.8)	(\$0.6)	(\$20.9)	(\$85.4)
2041	\$39.6	\$5.2	(\$16.3)	\$16.1	(\$1.0)	(\$10.4)	(\$17.6)	\$0.0	(\$57.1)	(\$0.3)	(\$22.3)	(\$64.2)
2042	\$36.8	\$5.2	(\$15.3)	(\$11.9)	(\$1.0)	(\$14.9)	(\$17.6)	\$0.0	(\$59.1)	\$0.5	(\$24.3)	(\$101.7)
2043	\$34.5	\$5.0	(\$14.4)	\$8.0	(\$0.9)	(\$3.3)	(\$17.6)	\$0.0	(\$58.5)	(\$0.8)	(\$25.4)	(\$73.4)
2044	\$32.2	\$5.1	(\$13.4)	(\$19.7)	(\$0.9)	(\$5.3)	(\$17.6)	\$0.0	(\$61.4)	\$1.1	(\$28.3)	(\$108.1)
2045	\$29.9	\$5.0	(\$13.1)	\$12.1	(\$1.0)	(\$31.2)	(\$17.6)	\$0.0	(\$61.8)	\$0.3	(\$30.0)	(\$107.4)
2046	\$27.6	\$4.7	(\$13.5)	(\$3.1)	(\$0.9)	(\$10.0)	(\$17.6)	\$0.0	(\$58.8)	(\$0.8)	(\$30.1)	(\$102.6)
2047	\$25.3	\$4.4	(\$13.2)	\$4.6	(\$0.9)	(\$0.9)	(\$17.6)	\$0.0	(\$65.8)	\$0.6	(\$35.6)	(\$99.1)
2048	\$5.5	\$2.1	(\$12.2)	(\$30.7)	(\$0.8)	(\$5.4)	(\$17.6)	\$0.0	(\$67.1)	\$0.7	(\$38.4)	(\$163.8)
2049	\$0.0	\$0.0	(\$11.9)	\$22.3	(\$0.8)	(\$25.5)	(\$17.6)	\$0.0	(\$68.4)	\$0.7	(\$41.3)	(\$142.5)
2050	\$0.0	\$0.0	(\$12.3)	\$1.7	(\$0.7)	(\$3.9)	(\$17.6)	\$0.0	(\$69.8)	\$0.7	(\$44.4)	(\$146.4)
CPVRR =	\$902.3	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$130.4)	(\$18.1)	(\$512.8)	(\$25.6)	(\$71.3)	(\$96.4)

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)
\$902.3	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$130.4)	(\$18.1)	(\$514.5)	(\$25.7)	(\$222.3)	(\$249.2)

* 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	\$2.5	\$1.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$0.0)	\$0.0	\$0.0	\$3.8
2018	\$107.0	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$10.1)	(\$34.7)	(\$2.3)	(\$0.1)	\$62.3
2019	\$106.6	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$5.1)	(\$43.6)	(\$3.6)	(\$0.0)	\$56.7
2020	\$100.0	\$2.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$6.3)	(\$37.5)	(\$3.3)	(\$0.0)	\$55.6
2021	\$94.8	\$3.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$9.6)	(\$40.7)	(\$3.1)	(\$0.0)	\$44.6
2022	\$90.3	\$3.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$37.8)	(\$3.1)	(\$0.0)	\$52.7
2023	\$86.5	\$3.6	\$0.0	\$0.0	\$0.0	\$0.0	(\$17.1)	\$0.0	(\$39.8)	(\$1.7)	(\$0.0)	\$31.4
2024	\$83.6	\$3.7	\$0.0	\$0.0	\$0.0	\$0.0	(\$17.1)	(\$0.3)	(\$42.4)	(\$2.4)	(\$0.0)	\$25.0
2025	\$80.9	\$3.9	(\$138.6)	(\$4.4)	(\$8.7)	\$0.0	(\$17.1)	\$4.2	(\$18.4)	(\$0.8)	\$0.1	(\$99.0)
2026	\$78.3	\$3.9	(\$68.9)	(\$0.3)	(\$4.3)	\$0.0	(\$17.1)	\$0.0	(\$27.0)	(\$3.9)	\$0.0	(\$39.2)
2027	\$75.6	\$3.9	\$11.5	(\$0.0)	\$0.8	\$0.0	(\$17.1)	\$0.0	(\$44.9)	(\$2.4)	(\$0.0)	\$27.3
2028	\$73.0	\$3.9	\$11.0	(\$2.7)	\$0.8	(\$8.4)	(\$17.1)	\$0.0	(\$46.3)	(\$5.0)	(\$21.3)	(\$12.2)
2029	\$70.3	\$4.1	(\$139.4)	(\$1.9)	(\$8.7)	\$0.6	\$2.7	\$14.1	(\$30.1)	(\$0.5)	(\$18.3)	(\$107.1)
2030	\$67.7	\$4.1	(\$64.3)	(\$3.9)	(\$4.0)	(\$1.8)	(\$17.6)	\$0.0	(\$34.3)	(\$2.9)	(\$18.8)	(\$75.9)
2031	\$65.0	\$4.0	\$22.2	\$0.1	\$1.5	(\$1.7)	(\$17.6)	\$0.0	(\$45.2)	(\$3.8)	(\$25.8)	(\$1.3)
2032	\$62.4	\$4.1	\$21.4	(\$2.4)	\$1.5	(\$15.4)	(\$17.6)	\$0.0	(\$47.8)	(\$2.5)	(\$28.6)	(\$25.1)
2033	\$59.7	\$4.3	(\$7.9)	\$5.5	(\$0.4)	\$1.7	(\$17.6)	\$0.0	(\$49.7)	(\$0.5)	(\$31.1)	(\$35.9)
2034	\$57.1	\$4.4	(\$23.2)	(\$6.1)	(\$1.4)	(\$15.6)	(\$17.6)	\$0.0	(\$50.6)	(\$0.8)	(\$33.0)	(\$86.7)
2035	\$54.5	\$4.5	(\$22.2)	\$0.7	(\$1.3)	(\$6.7)	(\$17.6)	\$0.0	(\$51.4)	(\$1.5)	(\$35.2)	(\$76.3)
2036	\$51.8	\$4.6	(\$21.3)	(\$12.7)	(\$1.2)	(\$6.3)	(\$17.6)	\$0.0	(\$50.7)	(\$2.2)	(\$37.0)	(\$92.7)
2037	\$49.2	\$4.6	(\$20.3)	\$14.4	(\$1.1)	\$0.1	(\$17.6)	\$0.0	(\$52.9)	(\$1.6)	(\$41.2)	(\$66.6)
2038	\$48.0	\$4.6	(\$19.2)	(\$8.4)	(\$1.1)	(\$19.6)	(\$17.6)	\$0.0	(\$53.6)	(\$1.5)	(\$44.5)	(\$112.8)
2039	\$45.2	\$4.7	(\$18.2)	\$3.9	(\$1.0)	(\$6.8)	(\$17.6)	\$0.0	(\$54.5)	(\$0.7)	(\$48.2)	(\$93.3)
2040	\$42.4	\$4.9	(\$17.2)	(\$16.9)	(\$1.0)	(\$1.8)	(\$17.6)	\$0.0	(\$58.1)	(\$0.2)	(\$54.9)	(\$120.3)
2041	\$39.6	\$5.2	(\$16.3)	\$16.1	(\$1.0)	(\$10.4)	(\$17.6)	\$0.0	(\$58.4)	\$0.4	(\$58.5)	(\$101.0)
2042	\$36.8	\$5.2	(\$15.3)	(\$11.9)	(\$1.0)	(\$14.9)	(\$17.6)	\$0.0	(\$57.9)	(\$0.2)	(\$61.2)	(\$138.2)
2043	\$34.5	\$5.0	(\$14.4)	\$8.0	(\$0.9)	(\$3.3)	(\$17.6)	\$0.0	(\$58.7)	(\$0.2)	(\$65.5)	(\$113.2)
2044	\$32.2	\$5.1	(\$13.4)	(\$19.7)	(\$0.9)	(\$5.3)	(\$17.6)	\$0.0	(\$62.0)	\$1.2	(\$73.4)	(\$153.9)
2045	\$29.9	\$5.0	(\$13.1)	\$12.1	(\$1.0)	(\$31.2)	(\$17.6)	\$0.0	(\$61.9)	\$1.1	(\$77.5)	(\$154.3)
2046	\$27.6	\$4.7	(\$13.5)	(\$3.1)	(\$0.9)	(\$10.0)	(\$17.6)	\$0.0	(\$60.4)	\$0.7	(\$80.3)	(\$152.8)
2047	\$25.3	\$4.4	(\$13.2)	\$4.6	(\$0.9)	(\$0.9)	(\$17.6)	\$0.0	(\$67.7)	\$0.6	(\$94.8)	(\$160.2)
2048	\$5.5	\$2.1	(\$12.2)	(\$30.7)	(\$0.8)	(\$5.4)	(\$17.6)	\$0.0	(\$69.1)	\$0.7	(\$102.1)	(\$229.5)
2049	\$0.0	\$0.0	(\$11.9)	\$22.3	(\$0.8)	(\$25.5)	(\$17.6)	\$0.0	(\$70.4)	\$0.7	(\$109.9)	(\$213.1)
2050	\$0.0	\$0.0	(\$12.3)	\$1.7	(\$0.7)	(\$3.9)	(\$17.6)	\$0.0	(\$71.8)	\$0.7	(\$118.2)	(\$222.3)
CPVRR =	\$902.3	\$45.0	(\$224.0)	(\$10.6)	(\$13.7)	(\$37.4)	(\$130.4)	(\$18.1)	(\$514.5)	(\$25.7)	(\$222.3)	(\$249.2)

Resource Plans - Assuming Dania Beach In-service
At Time of Summer Peak
Unit(s)/Capacity added

TABLE 1

Year	20% Reserve Margin	10% Reserve Margin	No Solar Resource Plan	2017-2018 Solar Resource Plan	20% Reserve Margin	10% Reserve Margin
2017	21.2%	11.8%		298 MW 2017 Solar	21.2%	11.8%
2018	20.0%	10.6%	1-year 958 MW PPA	298 MW 2018 Solar ; 1-year 636 MW PPA	20.0%	10.6%
2019	20.0%	10.5%	Okeechobee 3x1 CC Unit; 1-year 155 MW PPA		20.7%	11.1%
2020	20.0%	10.3%	1-year 182 MW PPA	Okeechobee 3x1 CC Unit	20.6%	10.8%
2021	20.0%	10.1%	1-year 263 MW PPA		20.2%	10.3%
2022	23.2%	13.0%	Dania Beach CC	Dania Beach CC	24.6%	14.2%
2023	21.9%	11.6%			23.3%	12.9%
2024	20.2%	10.0%	1-year 44 MW PPA		21.3%	11.1%
2025	25.6%	14.9%	1 Greenfield 3x1 CC Unit	1-year 149 MW PPA	20.2%	10.0%
2026	23.7%	13.1%		1 Greenfield 3x1 CC Unit	25.0%	14.3%
2027	21.9%	11.4%			23.2%	12.6%
2028	20.4%	10.0%	1-year 93 MW PPA		21.3%	10.8%
2029	24.6%	13.9%	1 Greenfield 3x1 CC Unit	1-year 363 MW PPA	20.4%	10.0%
2030	22.4%	11.8%		1 Greenfield 3x1 CC Unit	23.6%	12.9%
2031	24.3%	13.8%	Turkey Point 6	Turkey Point 6	25.5%	14.8%
2032	23.1%	12.8%	Turkey Point 7	Turkey Point 7	24.2%	13.8%
2033	20.0%	10.1%	Equalizing 574 MW CC	Equalizing 266 MW CC	20.0%	10.1%

TABLE 2

Year	20% Reserve Margin	10% Reserve Margin	No Solar Resource Plan	2017-2018 Solar Resource Plan	20% Reserve Margin	10% Reserve Margin
2017	21.2%	---		298 MW 2017 Solar	21.2%	---
2018	20.0%	---	1-year 958 MW PPA	298 MW 2018 Solar ; 1-year 636 MW PPA	20.0%	---
2019	20.0%	---	Okeechobee 3x1 CC Unit; 1-year 155 MW PPA	Okeechobee 3x1 CC Unit	20.7%	---
2020	20.0%	---	1-year 182 MW PPA		20.6%	---
2021	20.0%	---	1-year 263 MW PPA		20.2%	---
2022	23.2%	---	Dania Beach CC	Dania Beach CC	24.6%	---
2023	21.9%	---			23.3%	---
2024	20.0%	---	1-year 8 MW PPA		21.3%	---
2025	25.6%	---	1 Greenfield 3x1 CC Unit	1-year 94 MW PPA	20.0%	---
2026	23.7%	---		1 Greenfield 3x1 CC Unit	25.0%	---
2027	21.9%	---			23.2%	---
2028	20.0%	---	1 Greenfield 3x1 CC Unit		21.3%	---
2029	24.6%	---	1 Greenfield 3x1 CC Unit	1-year 262 MW PPA	20.0%	---
2030	22.4%	---		1 Greenfield 3x1 CC Unit	23.6%	---
2031	24.3%	---	Turkey Point 6	Turkey Point 6	25.5%	---
2032	23.1%	---	Turkey Point 7	Turkey Point 7	24.2%	---
2033	20.0%	---	Equalizing 574 MW CC	Equalizing 266 MW CC	20.0%	---

DECLARATION

I sponsored the answer to Interrogatory No. 72 from Staff's Seventh Set of Interrogatories (Nos. 70-72) to Florida Power & Light Company in Docket No. 20170001-EI. The response is true and correct based on my personal knowledge.

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



Juan Enjamio

Date: Sept. 25, 2017

DECLARATION

I sponsored the answer to Interrogatory No. 70 from Staff's Seventh Set of Interrogatories (Nos. 70-72) to Florida Power & Light Company in Docket No. 20170001-EI. 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.

Charles R. Rote

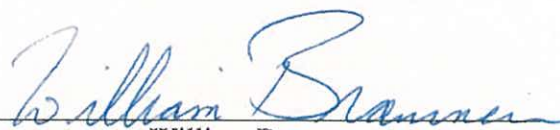
Charles R. Rote

Date: 9/26/2017

DECLARATION

I sponsored the answer to Interrogatory No. 71 from Staff's Seventh Set of Interrogatories (Nos. 70-72) to Florida Power & Light Company in Docket No. 20170001-EI. The response is 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 Brannen

Date: 9/26/2017