



Stephanie A. Cuello
SENIOR COUNSEL

August 22, 2022

VIA ELECTRONIC FILING

Adam J. Teitzman, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: *2022 Ten-Year Site Plan Data Request #4; Undocketed*

Dear Mr. Teitzman:

Please find enclosed for filing, Duke Energy Florida, LLC's Response to Staff's Data Request #4, issued on August 9, 2022 regarding the 2022 TYSP.

Thank you for your assistance in this matter and if you have any questions, please feel free to contact me at (850) 521-1425.

Sincerely,

s/ Stephanie A. Cuello

Stephanie A. Cuello

SAC/mw
Attachments

cc: Donald Phillips, Division of Engineering, FPSC

**DEF’s Response to Staff’s Fourth Data Request
Regarding the 2022 Ten Year Site Plan**

1. Please refer to the Company’s 2022 Ten-Year Site Plan, Schedule 9. For each unit with unit projected financial data entries left blank, please provide the projected values. If values are not currently available, please provide the values used in the Company’s resource planning process to make the selection of the unit. If no values were assigned as part of the resource planning process, please explain why not and how the unit was selected.

Response:

Please see the values listed in the table below.

Schedule 9							
(1) Plant Name and Unit Number:	(2) Capacity			(3) Technology Type	(4) Anticipated Construction Timing		(13) Projected Financial Data
	a. Nameplate (MWac):	b. Summer Firm (MWac):	c. Winter Firm (MWac):		a. Field construction start date:	b. Commercial in-service date:	b. Total Installed Cost (In-service year \$/Kw):
TBD	149.8	37.45	-	PHOTOVOLTAIC	11/2023	7/2024	\$ 1,300
TBD	299.6	74.90	-	PHOTOVOLTAIC	11/2024	7/2025	\$ 1,262
TBD	299.6	74.90	-	PHOTOVOLTAIC	11/2025	7/2026	\$ 1,226
TBD	299.6	74.90	-	PHOTOVOLTAIC	11/2026	7/2027	\$ 1,205
TBD	299.6	74.90	-	PHOTOVOLTAIC	11/2027	7/2028	\$ 1,176
TBD	149.8	18.73	-	PHOTOVOLTAIC	11/2028	7/2029	\$ 1,157
TBD	149.8	18.73	18.73	PHOTOVOLTAIC WITH BATTERY STORAGE	11/2028	7/2029	\$ 1,555
TBD	149.8	18.73	-	PHOTOVOLTAIC	11/2029	7/2030	\$ 1,164
TBD	149.8	18.73	18.73	PHOTOVOLTAIC WITH BATTERY STORAGE	11/2029	7/2030	\$ 1,563
TBD	149.8	18.73	-	PHOTOVOLTAIC	11/2030	7/2031	\$ 1,170
TBD	149.8	18.73	18.73	PHOTOVOLTAIC WITH BATTERY STORAGE	11/2030	7/2031	\$ 1,572

* Total Installed Costs were estimated as of 12/31/2021 before the impact of the war in Ukraine (raw material price increase and supply chain constraints). There is a high demand for renewable sources of energy and supply shortage for parts and labor, which has also impacted the cost.