



William P. Cox
Senior Attorney
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, FL 33408-0420
(561) 304-5662
(561) 691-7135 (Facsimile)
Email: will.p.cox@fpl.com

August 22, 2022

-VIA ELECTRONIC FILING-

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

**RE: Docket No. 20220000-OT
Florida Power & Light Company's 2022-2031 Ten Year Power Plant Site
Plan**

Dear Mr. Teitzman:

Please find attached Florida Power & Light Company's response to Staff's Fifth Data Request (No. 1). FPL's response to Staff's Fifth Data Request No. 1 is confidential and is being filed separately along with a Request for Confidential Classification. FPL is providing the non-confidential version with the attached response.

If there are any questions, please contact me at (561) 304-5662.

Sincerely,

/s/ William P. Cox
William P. Cox
Senior Attorney
Fla. Bar No. 00093531

WPC:ec
Enclosures
cc: Donald Phillips, Division of Engineering, DPhillip@psc.state.fl.us

Florida Power & Light Company
Docket No. 20220000-OT
Ten-Year Site Plan
Staff's Fifth Data Request
Request No. 1
Page 1 of 1

QUESTION:

Please refer to the Company's 2022 Ten-Year Site Plan, Schedule 9. For each unit with the capacity factor or projected unit financial data listed as TBD, 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 confidential Attachment No. 1 for the requested information. Note that cost projections are preliminary in nature, are based on available information at the time the TYSP was developed, and are subject to change.

Site Name	In-Service Date	Capacity Factor:	Total Installed Cost (\$/kW):	Direct Construction Cost (\$/kW):	AFUDC Amount (\$/kW):	Escalation (\$/kW):	Fixed O&M (\$/kW-Yr.):	Variable O&M (\$/MWH):	K Factor:
Wild Azalea Solar Energy Center	2023	27.3%				**			
Chautauqua Solar Energy Center	2023	27.2%				**			
Shirer Branch Solar Energy Center	2023	27.2%				**			
Saw Palmetto Solar Energy Center	2023	27.3%				**			
Cypress Pond Solar Energy Center	2023	26.8%				**			
Etonia Creek Solar Energy Center	2023	26.4%				**			
Terrill Creek Solar Energy Center	2024	27.9%				**			
Silver Palm Solar Energy Center	2024	25.3%				**			
Ibis Solar Energy Center	2024	25.5%				**			
Woodyard Solar Energy Center	2024	25.7%				**			
Beautyberry Solar Energy Center	2024	25.1%				**			
Turnpike Solar Energy Center	2024	25.2%				**			
Monarch Solar Energy Center	2024	25.4%				**			
Caloosahatchee Solar Energy Center	2024	25.8%				**			
White Tail Solar Energy Center	2024	25.3%				**			
Prairie Creek Solar Energy Center	2024	29.6%				**			
Pineapple Solar Energy Center	2024	25.3%				**			
Canoe Solar Energy Center	2024	27.5%				**			
Sparkleberry Solar Energy Center	2024	24.5%				**			
Sambucus Solar Energy Center	2024	29.2%				**			
Three Creeks Solar Energy Center	2024	29.4%				**			
Thomas Creek Solar Energy Center	2024	27.5%				**			
Big Juniper Creek Solar Energy Center	2024	27.5%				**			
Wild Quail Solar Energy Center	2024	27.7%				**			
Pecan Tree Solar Energy Center	2024	28.1%				**			
Unsitd Solar PV	2025	25.5%				**			
Unsitd Solar PV	2026	25.5%				**			
Unsitd Solar PV	2027	25.5%				**			
Unsitd Solar PV	2028	25.5%				**			
Unsitd Solar PV	2029	25.5%				**			
Unsitd Battery Storage	2029	*				**			
Unsitd Solar PV	2030	25.5%				**			
Unsitd Battery Storage	2030	*				**			
Unsitd Solar PV	2031	25.5%				**			
Unsitd Battery Storage	2031	*				**			

All sites shown are based on FPL's Business As Usual Plan

All costs are in nominal dollars of the in-service year of the unit

All costs are preliminary in nature, are based on available information at the time the TYSP was developed, and are subject to change

* Battery storage is charged and discharged based on system economics and does not have a typical capacity factor

** The Escalation (\$/kW) is accounted for in the Direct Construction Cost.