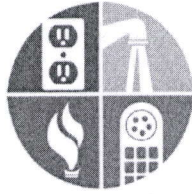


FLORIDA PUBLIC SERVICE COMMISSION  
OFFICE OF COMMISSION CLERK



**DOCUMENT NUMBER ASSIGNMENT\***

**FILED DATE:** 10/29/2020

**DOCKET NO.:** 20200176-EI

**DOCUMENT NO.:** 11610-2020

**DOCUMENT DESCRIPTION:**

Duke Energy (Triplett) - (CONFIDENTIAL) Information contained in response to staff's 2nd set of interrogatories (Nos. 4-26); specifically, the response to interrogatory No. 8(a), and attached file in response to interrogatory No. 10(b), bearing Bates Nos. 20FL-CEC-002048 - 20FL-CEC-002049, which contains business information.

**CONFIDENTIAL**

**\*This document number has been assigned to a confidential document.  
For further information, contact the Office of Commission Clerk.**

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8. Please refer to DEF witness Stout's direct testimony, Page 12, Line 17 through Page 14, Line 15.
- a. Provide an update to whether DEF has selected any site(s) for the CEC projects. If so, please identify the site(s).
  - b. Please explain what opportunity, if any, there is for true-up of actual project costs compared to the estimates presented within the petition.
  - c. If actual costs exceed those included in its petition, explain how DEF would seek recovery of those costs and what effects it would have on participants and non-participants. As part of your explanation, discuss whether program changes would occur to participants, such as changes in bill credits or charges. If there would be no changes to participant credits or charges, explain why not.
  - d. If actual costs are below those included in its petition, explain what actions DEF would take and what effects it would have on participants and non-participants. As part of your explanation, discuss whether program changes would occur to participants, such as changes in bill credits or charges. If there would be no changes to participant credits or charges, explain why not.

**Response:**

- a. Yes. Two sites have been selected thus far.

Bay Trail Solar is a 74.9 MWac / 91.6 MWdc single-axis tracking facility located in Citrus County, FL. The site is located adjacent to DEF's Citrus combined cycle facility. The project has secured approximately 500 acres of mostly flat, undeveloped agricultural and timber. The point of interconnection is DEF's existing Citrus Combine Cycle 230-kV Substation. The project is expected to be in service by the end of January 2022.

Fort Green Solar is a 74.9 MWac / 116.7 MWdc fixed, tilt facility located in Hardee County, FL. The project area is approximately 450 acres of mostly flat land that was a former phosphate mine and was reclaimed in the 1980s. The Point of Interconnection is the existing DEF Fort Green Springs 69-kV Substation. The project is expected to be in service by the end of January 2022.

- b. Approval of DEF's Program includes approval of the design of the Program as well as construction of the 10 units at the estimated cost. As described in DEF's petition and testimony, these units will be included in rate base and so will be subject to prudence review if actual costs come in higher than projected and DEF seeks to include this difference in rate base in a future rate case. To the extent the units come on-line at or below the estimated cost, no additional prudence review will be necessary. DEF has exercised, and will continue to exercise, cost-control measures to ensure that its CEC Program solar facilities are constructed at or below the projected costs.
- c. Please see response to 8b above. Absent the CEC program, any cost changes for the construction of the units, including the benefits of completing the project above or below budget, as well as other changes in the assumed costs, would flow to the general body of customers. The existence of the CEC program does not change this basic concept; any cost changes (both under and over runs) would flow to the general body





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- 10 Please refer to DEF witness Borsch's direct testimony, Exhibit BMHB-4
- b Provide the annual change in each season's total capacity available caused by unit additions, retirements, and uprates/derates. Identify both the unit(s) and megawatts associated with each, for each year of the proposed project life, for each resource plan, with and without the CEC projects
- As part of your response, complete the table below and provide in electronic (Excel) format

Season	[Winter]				Season	[Summer]			
Scenario	Without CEC Units				Scenario	Without CEC Units			
Year	Unit Additions	Retirements	Uprates / Downrates	Annual Change in Capacity Available	Year	Unit Additions	Retirements	Uprates / Downrates	Annual Change in Capacity Available
2020	Columbia Solar			75	2020	Columbia Solar			75
2020	DeBary Solar			75	2020	DeBary Solar			75
2020		Avon Park 1-2		-50	2020		Avon Park 1-2		-48
2021	Santa Fe Solar			75	2021	Santa Fe Solar			75
2021	Twin Rivers Solar			75	2021	Twin Rivers Solar			75
2021	Duette Solar			75	2021	Duette Solar			75
2021	Charlie Creek Solar			75	2021	Charlie Creek Solar			75
2021	Archer Solar			56	2021	Archer Solar			56
2021		Southern Contract Expires		-424	2021		Southern Contract Expires		-424
2022					2022				
2023					2023				
2023		Orlando Contract Expires		-115	2023		Orlando Contract Expires		-115
2024					2024				
2024		Shady Hills Contract Expires		-522	2024		Shady Hills Contract Expires		-480
2024			Osprey Transmission Upgrade	355	2024			Osprey Transmission Upgrade	337
2024		Mulberry Contract Expires		-115	2024		Mulberry Contract Expires		-115
2025		Bayboro 1-4		-238	2025		Bayboro 1-4		-171
2025		Orange Contract Expires		-104	2025		Orange Contract Expires		-104
2027		DeBary 2-6		-324	2027		DeBary 2-6		-249
2027		Bartow 1 and 3		-105	2027		Bartow 1 and 3		-82
2027		Vandolah Contract Expires		-681	2027		Vandolah Contract Expires		-640
2027		UF		-46	2027		UF		-44
2027	New CT			479	2027	New CT			452
2028	New CT			240	2028	New CT			226
2029					2029				
2030		Tiger Bay		-231	2030		Tiger Bay		-200
2030	New CT			240	2030	New CT			226
2031					2031				
2032	New CT			240	2032	New CT			226
2033					2033				
2034		Bartow 2 and 4		-118	2034		Bartow 2 and 4		-86
2034		Intercession City 1-6		-379	2034		Intercession City 1-6		-277
2034		Suwannee River 1-3		-203	2034		Suwannee River 1-3		-149
2034		Crystal River North		-1,442	2034		Crystal River North		-1,422
2034	New CTs			958	2034	New CTs			903
2034	New CC			1,377	2034	New CC			1,277
2036					2036				
2036		DeBary 7-10		-388	2036		DeBary 7-10		-312
2038		Intercession City 7-10		-383	2038		Intercession City 7-10		-314
2038	New CTs			719	2038	New CTs			677
2040	New CT			240	2040	New CT			226
2042		Anclote 1-2		-1,025	2042		Anclote 1-2		-1,003
2042	New CC			1,377	2042	New CC			1,277
2044		Intercession City 11		-161	2044		Intercession City 11		-140
2044	New CTs			479	2044	New CTs			452
2045	New CT			240	2045	New CT			226
2045		Intercession City 12-14		-279	2045		Intercession City 12-14		-220
2046					2046				

New CTs and New CCs are in service in June  
All Solar Generation is reported as nameplate value.  
Solar Capacity Degradation not included.

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Season	[Winter]				Season	[Summer]			
Scenario	With CEC Units				Scenario	With CEC Units			
Year	Unit Additions	Retirements	Uprates / Downrates	Annual Change in Firm Capacity Available	Year	Unit Additions	Retirements	Uprates / Downrates	Annual Change in Firm Capacity Available
2020	Columbia Solar			75	2020	Columbia Solar			75
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2021		Southern Contract Expires		-424	2021		Southern Contract Expires		-424
2022	Clean Energy Connection			150	2022	Clean Energy Connection			150
2023	Clean Energy Connection			300	2023	Clean Energy Connection			300
2023		Orlando Contract Expires		-115	2023		Orlando Contract Expires		-115
2024	Clean Energy Connection			300	2024	Clean Energy Connection			300
2024		Shady Hills Contract Expires		-522	2024		Shady Hills Contract Expires		-480
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