



Stephanie A. Cuello  
SENIOR COUNSEL

April 11, 2025

**VIA ELECTRONIC FILING**

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

Re: Petition for a limited proceeding to approve first solar base rate adjustment;  
Docket No. 20250034-EI

Dear Mr. Teitzman:

Please find attached for electronic filing Duke Energy Florida, LLC's Response to Staff's Second Data Request.

Thank you for your assistance in this matter and if you have any questions, please feel free to contact me at (850) 521-1428.

Sincerely,

*/s/ Stephanie A. Cuello*

Stephanie A. Cuello

SAC/clg  
Attachments

cc: Zachary Bloom

**DUKE ENERGY FLORIDA, LLC'S (DEF), RESPONSE TO  
STAFF'S SECOND DATA REQUEST REGARDING PETITION FOR A LIMITED  
PROCEEDING TO APPROVE FIRST SOLAR BASE  
RATE ADJUSTMENT**

**Docket No. 20250034-EI**

1. Please provide estimated bill impacts on the 1,000 kWh residential bill for each solar project.

**Response:**

DEF has calculated preliminary approximate base rate impacts on the 1,000 kWh residential bill for the four solar plants as follows:

- Sundance: \$.47
- Rattler: \$.56
- Half Moon: \$.56
- Bailey Mill: \$.51

These plants will all provide fuel savings. Based on the cost per kWh of natural gas in DEF's 2025 fuel projection filing, a high level estimate of fuel savings is approximately \$.17 per solar plant.

As explained in the direct testimony of Marcia Olivier, DEF will file the tariff sheets with the actual rate impacts approximately two months prior to the effective date of each of the rate adjustments.