

State of Florida



## Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD  
TALLAHASSEE, FLORIDA 32399-0850

**-M-E-M-O-R-A-N-D-U-M-**

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**DATE:** August 9, 2018  
**TO:** Carlotta S. Stauffer, Commission Clerk, Office of Commission Clerk  
**FROM:** Takira Thompson, Engineering Specialist, Division of Engineering *TT POK*  
**RE:** Docket No. 20180000-OT - Undocketed filings for 2018.

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Please file the attached, "SECI – TYSP Staff's Supplemental Data Request #2," in the above mentioned docket file.

Thank you.

TT/pz

Attachment

COMMISSIONERS:  
ART GRAHAM, CHAIRMAN  
JULIE I. BROWN  
DONALD J. POLMANN  
GARY F. CLARK  
ANDREW GILES FAY

STATE OF FLORIDA



DIVISION OF ENGINEERING  
TOM BALLINGER  
DIRECTOR  
(850) 413-6910

## Public Service Commission

August 9, 2018

Mr. James Clay  
Ms. Julie Diazgranados  
SEC  
[jclay@seminole-electric.com](mailto:jclay@seminole-electric.com)  
[jDiazgranados@seminole-electric.com](mailto:jDiazgranados@seminole-electric.com)

Dear Mr. Clay and Ms. Diazgranados:

**Re: Review of the 2018 Ten-Year Site Plans for Florida's Electric Utilities Supplemental Data Request #2**

Please electronically file all responses to the attached Staff's Supplemental Data Request #2, no later than Wednesday, September 5, 2018, via the Commission's website at [www.floridapsc.com](http://www.floridapsc.com) by selecting the Clerk's Office tab and Electronic Filing Web Form. Please reference 20180000-OT (Undocketed filings for 2018). In addition, please email responses to Takira Thompson at [tthomps@psc.state.fl.us](mailto:tthomps@psc.state.fl.us).

If you have any questions, please contact Takira Thompson by phone at (850) 413-6592 or at the email address provided above, or contact Phillip Ellis by phone at (850) 413-6626 or by email at [pellis@psc.state.fl.us](mailto:pellis@psc.state.fl.us).

Sincerely,

A handwritten signature in blue ink that reads "Takira Thompson".

Takira Thompson  
Engineering Specialist  
Division of Engineering

TT:pz

Enclosure

cc: Office of Commission Clerk (20180000-OT – Undocketed filings for 2018)

1. When does Seminole Electric Cooperative, Inc. (Seminole) anticipate reaching a decision on which SGS coal unit to retire?
2. Please discuss what considerations Seminole is evaluating in their determination of which SGS coal unit to retire.
3. Has Seminole performed cost-effectiveness studies on the retirement of either the SGS Unit 1, SGS Unit 2, or both? If so, please provide those studies. If not, why not?
4. Please identify and discuss what capacity value is being attributed to the retirement of one of the SGS coal units for forecasted reserve margin purposes.
5. How will the recent appeal of this Commission's affirmative determination of need for the Seminole Combined Cycle Facility (SCCF) affect Seminole's plan to retire one of the SGS coal units?
6. How will the recent appeal of this Commission's affirmative determination of need for the SCCF affect Seminole's plan to bring the SCCF into commercial service in December 2022?
7. What contingency plans has Seminole developed in the event that this Commission's affirmative determination of need for the SCCF is overturned? Please provide an analysis comparing each of these plans to Seminole's current plan, which involves bringing the SCCF into commercial service in December 2022. If no contingency plans have been developed, why not?
8. Please refer to Schedules 3.1 and 3.2 of Seminole's Ten-Year Site Plan (TYSP).
  - a. Please identify and describe the programs responsible for the forecasted peak demand savings associated with interruptible load, distributed generation, and commercial load management.
  - b. Why are these programs forecasted to achieve peak demand savings when actual historical data reflects that, for the past six years, these programs have not achieved peak demand savings?
9. Please refer to Schedules 3.3.1 and 3.3.2 of Seminole's TYSP. Why, in general, are yearly load factors higher for the low case forecast than for the high case forecast when comparing the same year from each case?

10. Please refer to Section 1.3, Table 1.2, of Seminole's TYSP. Please clarify the contract term for the Oleander Power Project PPA.
11. Please refer to Schedule 7.1 of Seminole's TYSP. Please identify the source(s) of and describe the necessity for the increase of 250 MW of Firm Capacity Import from the year 2018 to 2019.
12. Please refer to Schedule 7.2 of Seminole's TYSP. Please clarify if Seminole is planning to allow its reserve margin for the winter of 2024/2025 to fall below its reliability criteria of 15 percent, to a value of 14 percent. If so, please explain. If not, please identify and describe the measures Seminole plans to implement.
13. Please provide a comparison of Seminole's 2017 and 2018 TYSPs, identifying any notable differences.
14. Has Seminole taken solar capacity degradation into account in its planning process? If so, please explain how degraded capacity values are calculated, what assumptions are required for calculating degraded capacity values, if solar degradation is taken into account in Seminole's cost-effectiveness evaluations, and what causes solar capacity degradation. If not, why not?