



June 18, 2010

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**VIA HAND DELIVERY**

Ms. Ann Cole, Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

Re: *Petition for approval of amended standard offer contract, by Progress Energy Florida;  
Docket No. 100168-EI*

Dear Ms. Cole:

Please find attached for filing an original and five (5) copies of Progress Energy Florida, Inc.'s ("PEF") responses to Staff Data Request No. 2 dated June 2, 2010 in the above referenced docket.

Thank you for your assistance in this matter. Please feel free to call me at (727) 820-5184 should you have any questions.

Sincerely,

*John T. Burnett*  
John T. Burnett

JTB/lms

COM  Attachments

APA

ECR  cc: Martha Brown (FPSC)

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DOCUMENT NUMBER-DATE

05069 JUN 18 2010

FPSC-COMMISSIONER

**PROGRESS ENERGY FLORIDA, INC.'S RESPONSES TO STAFF DATA REQUEST NO. 2  
DOCKET NO. 100168-EI**

**Q1. Please provide, on an energy and capacity basis, estimates of payments to a renewable generator from the proposed revised standard offer contract. Please provide payment estimates for the normal, levelized, early, and levelized early payment periods. Assume the renewable generator is a 50 megawatt facility providing firm capacity at the minimum capacity factor required for full capacity payments, with an in-service date of January 1, 2011 and a contract duration of 20 years. Please complete the table below for each scenario and provide an electronic copy in Excel (.xls) format.**

**Answer:** Please see Attachment A in both hard copy and electronic Excel format.

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# **Attachment A**

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Estimated Payments to 50 MW renewable Resource Providing Firm Capacity

Scenario: Normal
Discount Rate 8.10%

Table with 22 columns (Year 2011-2030, NPV, Nominal) and 10 rows (Capacity, Energy, Capacity Factor, Payment Rates, Payments).

Estimated Payments to 50 MW Renewable Resource Providing Firm Capacity

Scenario: Early
Discount Rate 8.10%

Table with 22 columns (Year 2011-2030, NPV, Nominal) and 10 rows (Capacity, Energy, Capacity Factor, Payment Rates, Payments).

Estimated Payments to 50 MW renewable Resource Providing Firm Capacity

Scenario: Levelized
Discount Rate 8.10%

Table with 22 columns (Year 2011-2030, NPV, Nominal) and 10 rows (Capacity, Energy, Capacity Factor, Payment Rates, Payments).

Estimated Payments to 50 MW renewable Resource Providing Firm Capacity

Scenario: Early Levelized
Discount Rate 8.10%

Table with 22 columns (Year 2011-2030, NPV, Nominal) and 10 rows (Capacity, Energy, Capacity Factor, Payment Rates, Payments).

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