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STATE OF FLORIDA



OFFICE OF THE GENERAL COUNSEL  
MICHAEL G. COOKE  
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(850) 413-6199

Public Service Commission

October 16, 2008

John T. Burnett and R. Alexander Glenn, Esquires  
Progress Energy Service Company, LLC  
Post Office Box 14042  
St. Petersburg, Florida 33733-4042

STAFF'S DATA REQUEST

R. Wade Litchfield and John T. Butler, Esquires  
Florida Power & Light Company  
700 Universe Blvd.  
Juno Beach, Florida 33408

James Beasley and Lee Willis, Esquires  
Ausley & McMullen Law Firm  
P.O. Box 391  
Tallahassee, Florida 32302

Steven R. Griffin, Esquire  
Beggs & Lane  
501 Commendencia Street  
Pensacola, Florida 32591-2950

Norman H. Horton, Jr., Esquire  
Messer, Caparello & Self, P.A.  
Post Office Box 15579  
Tallahassee, Florida 32317

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COMMISSION  
CLERK

**Re: Docket No. 080503-EI - Establishment of rule on renewable portfolio standard.**

Dear Mr. Burnett, Glenn, Litchfield, Butler, Beasley, Willis, Griffin and Horton:

By this letter, the Commission staff requests that Progress Energy Florida (PEF), Florida Power & Light (FPL), Tampa Electric Company (TECO), Gulf Power Company (Gulf), and Florida Public Utilities Company (FPUC) provide responses to the following data requests:

1. Please identify all generating units on your utility's system that would be candidates for efficiency improvements by the year 2020 and 2030. Response should indicate unit name, fuel type, size (MW), heat rate (btu/kwh), and original in-service date. Also please provide an estimate of the heat rate improvement (either % or average btu/kwh), the MW

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Steven R. Griffin, Esquire  
Norman H. Horton, Jr., Esquire

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increase, if any, and an estimate of the year in which the improvements could be made for each identified unit.

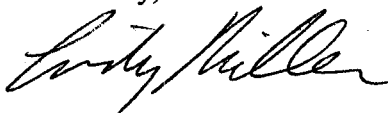
2. Please provide an annual and cumulative estimate of energy (GWH) and demand (MW) savings associated with your utility's existing and proposed demand-side management programs through the year 2030.

3. Please provide an estimate of your utility's existing and planned generating units that emit zero green house gases. Response should include unit name, fuel type, size (MW), heat rate (btu/kwh), original in-service date, and annual generation (GWH). Estimates should be given through the year 2030.

4. Please fill in the attached spreadsheets electronically.

Please provide responses electronically to Phillip Ellis at [pellis@psc.state.fl.us](mailto:pellis@psc.state.fl.us) by Thursday, October 23, 2008. If you have any questions, please do not hesitate to contact me at (850) 413-6082.

Sincerely,



Cindy Miller  
Senior Attorney

Attachment: Excel Spreadsheets

cc: Office of Commission Clerk  
Office of Strategic Analysis & Governmental Affairs (Ballinger, Ellis)



**2008 TEN YEAR SITE PLAN DATA  
Capacity Additions and Changes**

Utility										
Year	Plant name	Unit #	Location	Unit Type	Primary Fuel	In-Service Date	Net Capability		Status	Planned or Committed?
							Sum	Win		
2008										
2009										
2010										
2011										
2012										
2013										
2014										
2015										
2016										
2017										

Source: Schedule 8

Note - Committed Units are defined as those units which have already begun construction, received a determination of need, or entered into the permitting process.

**CURRENT PLANNING DATA (as of 10/2008)  
Capacity Additions and Changes**

Utility										
Year	Plant name	Unit #	Location	Unit Type	Primary Fuel	In-Service Date	Net Capability		Status	Planned or Committed?
							Sum	Win		
2008										
2009										
2010										
2011										
2012										
2013										
2014										
2015										
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2023										
2024										
2025										
2026										
2027										
2028										
2029										
2030										

Note - Committed Units are defined as those units which have already begun construction, received a determination of need, or entered into the permitting process.

**2008 TEN YEAR SITE PLAN DATA**

**Energy Sources (GWh)**

Utility										
Energy Source	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Nuclear										
Coal										
Natural Gas										
ST										
CC										
CT										
Residual Fuel Oil										
ST										
CC										
CT										
Distillate Fuel Oil										
ST										
CC										
CT										
Firm Interchange										
Other										
Renewables										
Net Energy for Load										

Source: Schedule 6.1



**2008 TEN YEAR SITE PLAN DATA**

**Energy Sources (%)**

Utility											
Energy Source		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Nuclear											
Coal											
Natural Gas											
	ST										
	CC										
	CT										
Residual Fuel Oil											
	ST										
	CC										
	CT										
Distillate Fuel Oil											
	ST										
	CC										
	CT										
Firm Interchange											
Other											
Renewables											
Net Energy for Load											

Source: Schedule 6.2

