STATE OF FLORIDA

COMMISSIONERS: MATTHEW M. CARTER II, CHAIRMAN LISA POLAK EDGAR KATRINA J. MCMURRIAN NANCY ARGENZIANO NATHAN A. SKOP



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

Hublic 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

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 orginal in-service date. Also please provide an estimate of the heat rate improvement (either % or average btu/kwh), the MWS

Internet E-mail: contact@psc.state.fl.us

RECEIVED-FPS

John T. Burnett and R. Alexander Glenn, Esquires R. Wade Litchfield and John T. Butler, Esquires James Beasley and Lee Willis, Esquires 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 <u>pellis@psc.state.fl.us</u> by Thursday, October 23, 2008. If you have any questions, please do not hesitate to contact me at (850) 413-6082.

Sincerely. ti Mille

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 Energy Demand and Capacity Forecast

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	Net Energy for	Retail Energy		-	Firm Peak nand		apacity lable		e Margin Intenance	Reserve Margin After Maintenance		
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CURRENT PLANNING DATA (as of 10/2008) Energy Demand and Capacity Forecast

	Net Energy for	Retail Energy			irm Peak hand		apacity ilable		e Margin intenance	Reserve After Mai		As-Available
Year	Load (GWh)	Sales (GWh)	Year	Sum (MW)	Win (MW)	Sum (MW)	Win (MW)	Sum (MW)	Win (MW)	Sum (%)	Win (%)	Energy Rate (\$/MWh)
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2008 TEN YEAR SITE PLAN DATA Capacity Additions and Changes

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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

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Year	Plant name	Unit #	Location	Туре	Fuel	Date	Sum	pability Win	Status	Committed?
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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

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Source: Schedule 6.1

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CURRENT PLANNING DATA (as of 10/2008)

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2008 TEN YEAR SITE PLAN DATA

			En	nergy Sou	rces (%)					
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Source: Schedule 6.2

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CURRENT PLANNING DATA (as of 10/2008)

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