STATE OF FLORIDA

DIVISION OF REGULATORY ANALYSIS
BETH W. SALAK
DIRECTOR
(850) 413-6600

Public Service Commission

April 20, 2012

Mr. Ken Hoffman
Director of Regulatory Relations
Florida Power & Light
215 S. Monroe, Suite 810
Tallahassee, Florida 32301

Re: Review of 2012 Ten-Year Site Plans – Staff's Data Request #2

Dear Mr. Hoffman:

Pursuant to the Commission's authority under Section 366.05(7), Florida Statutes, we are making a second request for supplemental information on each company's generation expansion plans. The information will be used to supplement each company's 2012 *Ten-Year Site Plan* filing.

Enclosed is a letter containing staff's data request. Please provide the information requested on the enclosed documents in hard copy and electronic format, as noted in the request.

Please submit a response no later than May 22, 2012. Please feel free to contact me if additional time is required to complete the data request.

If you have any questions regarding this request, you may contact me at (850) 413-6626 (pellis@psc.state.fl.us) or Traci Matthews at (850) 413-6682 (tmatthew@psc.state.fl.us). Thank you for your assistance.

Sincerely,

Phillip Ellis
Division of Regulatory Analysis

Enclosure

cc: Office of the General Counsel (Murphy)
Office of the Commission Clerk (Cole)

REVIEW OF THE 2012 TEN-YEAR SITE PLANS: DATA REQUEST #2

Please provide an electronic copy of all responses in Adobe PDF format, with tables to be provided in an Excel (.xls file format) document, unless otherwise specified in the question.

1. Please discuss whether the company included plug-in electric vehicle loads in its demand and energy forecasts for the 2012 Ten-Year Site Plan. If yes, please discuss the methodology used to estimate the number of vehicles operating in the company's service territory and their cumulative impact on system demand and energy consumption, and include the following information if available: an estimate of the number of electric vehicles, by year, and the estimated demand and energy impacts, by year.

Year	Number of Electric Vehicles	Cumulative Impact		
		Summer Demand	Winter Demand	Annual Energy
	(-)	(MW)	(MW)	(GWh)
2011				
2012				
2013				
2014				
2015				
2016				
2017				
2018				
2019				
2020				
2021				

2. Does the company anticipate developing load management programs relating to plug-in electric vehicles within the ten-year period? If yes, is this reflected in the company's forecasted impact of electric vehicles on the company's system demand?

3. Explain the process used to identify, evaluate and select supply-side conservation and efficiency measures, including but not limited to heat rate improvements of individual generating facilities, improvements to system fuel efficiency, and improvements in transmission losses.

4. Describe each of the supply-side conservation and efficiency measures implemented during the period 2002-2011 and provide the annual capital and O&M cost savings from each measure in dollars, Btus, and/or other appropriate unit of measurement (ie- therms, barrels of oil, etc.).

5. Describe each of the supply-side conservation and efficiency measures planned during the period 2012-2021 and provide the projected annual capital and O&M cost savings from each measure in dollars, Btus, and/or other appropriate unit of measurement (ie- therms, barrels of oil, etc.).

6. Please review Schedule 3.1, specifically Net Firm Demand (Column 10) for the historic period. The notation below the schedule suggests that this value is the Total Demand (Column 2) minus Load Management (Columns 6 and 8), but the resulting value is off by the value of Conservation (Columns 7 and 9). Please submit a corrected sheet for this schedule.

7. Please discuss in more detail the St. Lucie Wind Project, including the results of wind measurements at the site, and estimated potential annual energy output from the Project. In addition, please provide a cost estimate of the St. Lucie Wind Project, assuming the earliest potential in-service date once approvals are received.

8. Please discuss whether any additional sites have been identified by the company as having the potential for economic wind turbine development, including inland, coastal, or off-shore installations.