

**Ruth Nettles**

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**Sent:** Monday, July 13, 2009 3:34 PM  
**To:** Filings@psc.state.fl.us  
**Subject:** Electronic Filing: Docket 090007-EI / FPL's N/Service of FPL's Preliminary List of New Projects to be Submitted for cost recovery  
**Attachments:** 7.13.09. FPL's Prelim List of New Projects.pdf

**Electronic Filing**

**a.** Person responsible for this electronic filing:

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**b.** Docket No. 090007-EI

In Re: Environmental Cost Recovery Clause

**c.** The document is being filed on behalf of Florida Power & Light Company.

**d.** There are a total of 5 pages.

**e.** The document attached for electronic filing is: Florida Power & Light Company's Preliminary List of New Projects to be Submitted for Cost Recovery

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

IN RE: Environmental Cost )  
Recovery Clause )

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Docket No. 090007-EI  
Date: July 13, 2009

**FLORIDA POWER & LIGHT COMPANY'S PRELIMINARY LIST OF NEW  
PROJECTS TO BE SUBMITTED FOR COST RECOVERY**

Florida Power & Light Company hereby submits the attached Preliminary List of New  
Projects to be Submitted for Cost Recovery.

Respectfully submitted this 13th day of July, 2009.

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BY: /s/ Scott A. Goorland  
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**CERTIFICATE OF SERVICE**  
**Docket No. 090007-EI**

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by electronic mail this 13<sup>th</sup> day of July, 2009 to the following:

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By: /s/ Scott A. Goorland  
Scott A. Goorland

Florida Power & Light Company  
Environmental Cost Recovery  
Docket No. 090007-EI  
July 13, 2009

**PRELIMINARY LIST OF NEW PROJECTS TO BE SUBMITTED FOR COST RECOVERY**

**Project: Manatee Temporary Heating System Project – Cape Canaveral Plant**

**Law/Regulation:** On August 10, 2005, the Department of Environmental Protection (DEP) issued the State of Florida Industrial Wastewater Facility (IWWF) Permit Number FL0001473 to the Cape Canaveral Plant. Condition 9 under Section I, Subsection E, of the IWWF states that FPL must continue to comply with the facility's Manatee Protection Plan (MPP) approved by the DEP on December 21, 2000, which requires that the Cape Canaveral Plant maintain water discharge temperatures to sustain manatees during cold events.

**Brief Description of Project:** The Manatee Temporary Heating System Project at the Cape Canaveral Plant is an extension to the Manatee Temporary Heating System Project filed with the Commission in Docket No. 090007-EI, on April 13, 2009. FPL is proposing to install an electric heating system at the Cape Canaveral Plant in 2010 to provide a temporary "manatee refuge" by discharging warm water into the intake canal, which functions as a manatee embayment area, during the period from decommissioning the Cape Canaveral Plant in April 2010 until its conversion to the Cape Canaveral Energy Center is complete in June 2013. Primary activities integral to the project include installing pipes, pumps and heater, interconnection to the FPL power system, and testing and operating the system. Capital costs for this project are estimated to be \$4.7 million and O&M costs are expected to be as follows:

2010:	\$29,056
2011:	\$76,240
2012:	\$45,184
2013:	\$24,000

**Project: FPL's Turkey Point Cooling Canal Monitoring Plan**

**Law/Regulation:** On January 18, 2008, FPL submitted an application for power plant site certification under the Florida Electrical Power Plant Siting Act ("PPSA"), section 403.501 *et seq.*, Florida Statutes for the Turkey Point Uprate Project. On October 29, 2008, the Florida Department of Environmental Protection (FDEP) Siting Office issued the Conditions of Certification (PA 03-45A2), which include Conditions IX and X. Conditions IX and X require FPL to develop a monitoring plan for the Cooling Canal System (CCS) and the areas surrounding the CCS. Condition IX, "Biscayne Bay Surface Water Monitoring" requires specific conductivity (salinity) and temperature monitoring in Biscayne Bay at a minimum of five locations. Condition X, "Surface Water, Ground Water, and Ecological Monitoring" requires the establishment of a plan that will assess the potential impacts of the CCS. The Conditions of Certification require that the plan be incorporated into the Fifth Supplemental Agreement and include an assessment of potential impacts to the surface water and groundwater including wetlands, as needed, in the vicinity of the CCS. Condition X sets the framework for new monitoring and, as may be needed, abatement or mitigation measures related to the CCS operation. The conditions are imposed by South Florida Water Management District (SFWMD), Miami Dade County Department of Environmental Resource Management (DERM), and the FDEP. FPL is working with the SFWMD to revise the Fourth Supplemental Operating Agreement and continues negotiations with the agencies to finalize a monitoring plan that the parties can agree will fulfill the requirements of the Conditions of Certification. This summary includes FPL's preliminary estimates of project activities and costs, and once a final plan is approved, project activities and costs will be more clearly defined.

**Brief Description of Project:** The purpose of FPL's CCS Monitoring Plan is to conduct water, groundwater and water quality monitoring, and ecological monitoring to:

- delineate the extent of the hyper-saline plume that originates from the CCS and characterize the water quality including salinity and temperature impacts of this plume for a baseline condition;
- determine the extent and effect of the hyper-saline plume on surface water quality as a baseline condition; and
- detect changes in the quantity and quality of surface and groundwater over time due to the CCS associated with the Uprate Project. The CCS Monitoring Plan shall include installation and monitoring of an appropriate network of wells and surface water stations.

Implementation of the CCS Monitoring Plan is expected to begin in early August 2009. FPL's estimates of O&M and Capital costs for 2009 are \$400,000 and \$900,000 respectively, for activities relating to the permitting of wells, gathering ecological data and conducting a bathymetric survey to determine baseline conditions. FPL's estimates of O&M and Capital costs for 2010 are \$815,900 and \$1,184,000 respectively. Beginning in 2011 O&M estimates (no Capital) are as follows:

2011: \$1,400,000  
2012: \$1,000,000  
2013: \$1,000,000  
2014: \$945,000  
2015: \$255,000

**Project: NESHAP Information Collection Request Project**

**Law/Regulation:** On July 2, 2009, the U.S. Environmental Protection Agency made public its intent to issue a new Information Collection Request (ICR) for the collection of emissions and fuel data from coal- and oil-fired electric utility steam generating units. The EPA's proposed ICR to review the National Emission Standard for Hazardous Air Pollutants (NESHAP) for coal- and oil-fired electric utility steam generating units was published in the federal register with comments due no later than August 31, 2009. EPA is proposing to publish a final ICR in the fall of 2009. Once published, affected sources must complete data collection and testing requirements within six months of the Federal Register publish date. The collection of the information is mandatory under Clean Air Act section 114 (42 U.S.C. 7414).

**Brief Description of Project:** The purpose of the NESHAP Information Collection Request Project is to comply with the EPA data collection and testing requirements for units that have been identified in the EPA proposal. FPL's generating stations identified within the study include the oil-fired units at Cape Canaveral, Sanford, Riviera, Martin, Manatee, Port Everglades, and Turkey Point plants. FPL's co-owned units identified in the proposed ICR include St. Johns River Power Park, and Scherer facilities. The EPA proposal would require fuel sampling and emission testing on 10 oil-fired units and 2 coal-fired units. FPL has not yet identified unit specific costs associated with the collection of required data but has prepared a preliminary estimate of costs based on the EPA estimated cost burden in its proposal of approximately \$79,100 per unit tested. Preliminary estimates for 2010 are \$866,936 of O&M expenses.