



MEMORANDUM

AGENDA ITEM #III.D

DATE: AUGUST 6, 2012

TO: EXECUTIVE COMMITTEE

FROM: STAFF

SUBJECT: PORT EVERGLADES NEXT GENERATION ENERGY CENTER - DRAFT AGENCY REPORT ON THE POWER PLANT SITE CETERIFICATION APPLICATION

Background

Florida Power and Light (FPL) is seeking approval to modernize energy production at the existing Port Everglades Plant, within the City of Hollywood in Broward County. The proposed "Project" consists of the dismantlement of the existing oil and gas-fired generating units and support facilities, and construction of a 3-on-1 combined cycle unit, which will consist of three new advanced technology combustion turbine/electric generators (CTs), three new heat recovery steam generators and one steam turbine/electric generator. The modernization will result in using less water and less fuel, and emitting less carbon dioxide. The State of Florida will decide whether, and under what conditions, to license the new power plant, pursuant to the State Power Plant Siting Act (PPSA), Chapter 403, Part II, Florida Statutes. FPL has submitted applications for state and federal approvals for the project. If approved, the new units would use approximately 35 percent less fuel for an equivalent amount of electricity production. Attachment 1 provides a general location map.

The South Florida Regional Planning Council is an affected agency, as identified in Florida Statute 403.407(2) (a), and has been actively involved in the review and comment phase during the Site Certification process. This provides the Council the opportunity to ensure the project's consistency with the *Strategic Regional Policy Plan for South Florida (SRPP)*.

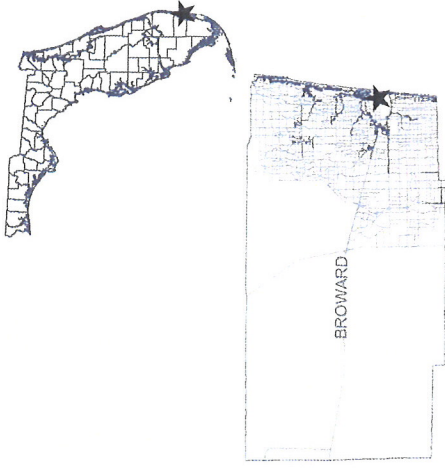
On February 23, 2012, the Council submitted its Completeness of Information Review identifying issues and associated *SRPP* goals and policies related to the Port Everglades Energy Center Site Certification Application. Issues identified by Council staff included: (1) anticipated safety and security risks; (2) impacts to Natural Resources of Regional Significance and (3) the protection of water quality, as identified in the *SRPP*; and (4) assurances about local hiring practices.

On April 4, 2012, FPL responded to questions and comments from affected and interested agencies. FPL provided information that addressed the staff's issues. The attached draft Agency Report is due August 6, 2012. At this time, Council staff has no additional concerns.

Recommendation

Approve the attached Draft Agency Report on the Site Certification Application. Authorize staff to forward the report to the Department of Environmental Protection.

AREA MAP



LEGEND

- ★ Port Everglades Plant and Port Everglades Energy Center Site

REFERENCES

1. Port Everglades Plant and Port Everglades Energy Center Site Location, FPL 2011
2. Municipalities, Broward County Florida, 2011, Palm Beach County Florida, 2010, and Miami Dade County Florida, 2009
3. Roads, Florida Department of Transportation, 2011



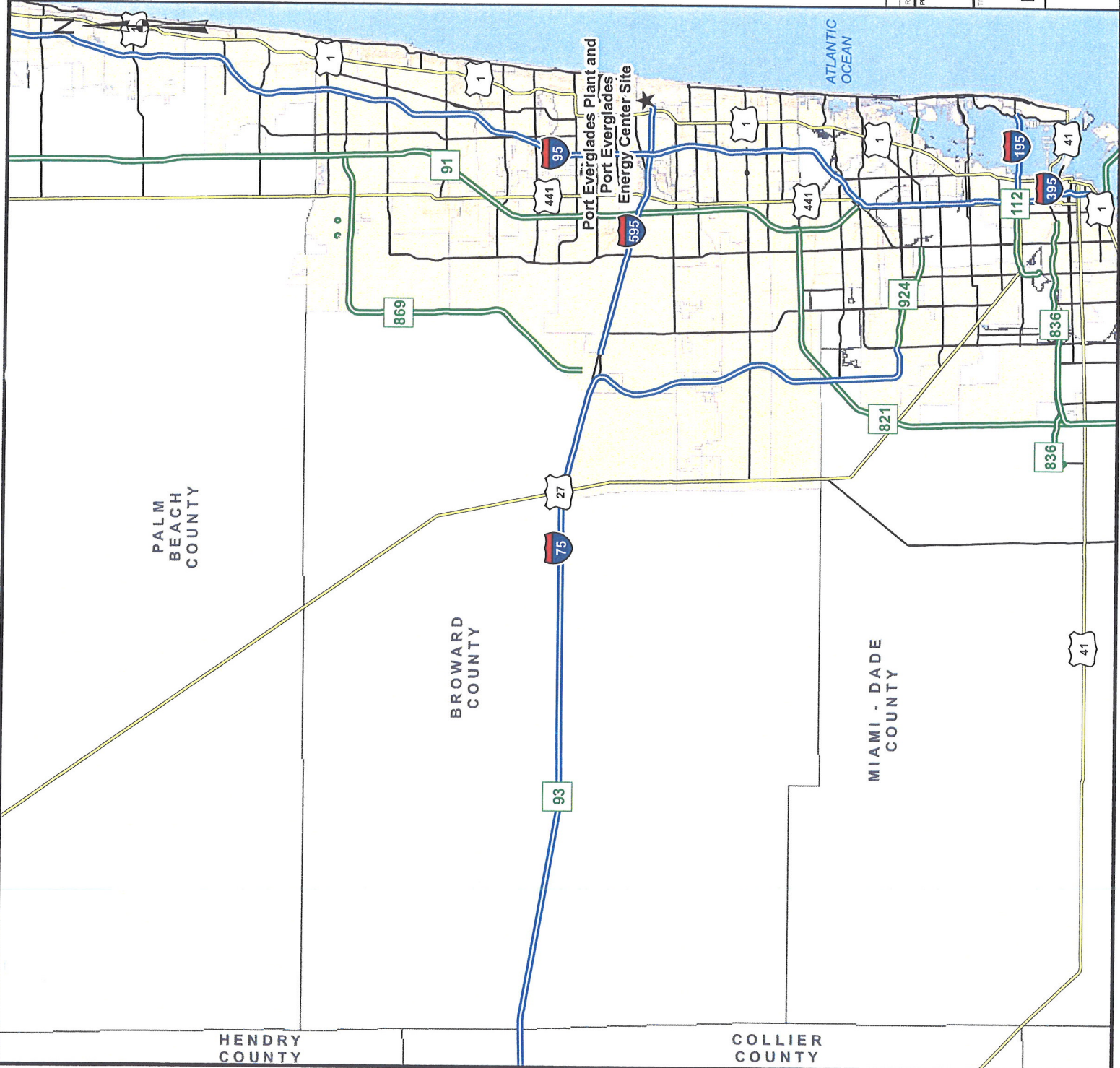
REV	DATE	DES	REVISION DESCRIPTION	GIS	CHK	R/W
PROJECT						

FPL
PORT EVERGLADES ENERGY CENTER
GENERAL LOCATION OF THE
FPL PORT EVERGLADES PLANT AND
PORT EVERGLADES ENERGY CENTER

PROJECT No. 113-27618		FILE No. 113-27618A028	
DESIGN	RCM	1/22/2011	SCALE AS SHOWN
GIS	NRL	1/13/2012	REV. 0
CHECK	RCM	1/13/2012	
REVIEW	YFK	1/13/2012	



FIGURE 1.1.0-1





August 6, 2012

Cindy Mulkey, Program Coordinator
Office of Siting Coordination
Department of Environmental Protection
3900 Commonwealth Blvd., MS #48
Tallahassee, FL 32399-2400

RE: Agency Report for the Florida Power and Light Company's Port Everglades Next Generation Energy Center Site Certification Application.

Dear Ms. Mulkey:

The South Florida Regional Planning Council has reviewed the above-referenced site certification application for completeness and has made the determination that no pending issues will be submitted at this time. Issues identified by Council staff have been adequately addressed in the Site Certification Application, and in several rounds of additional information requests. Council concerns that were fully addressed included: (1) anticipated safety and security risks; (2) impacts to Natural Resources of Regional Significance and (3) the protection of water quality, as identified in the *SRPP*; and (4) assurances about local hiring practices.

The Goals and Policies of the *Strategic Regional Policy Plan for South Florida (SRPP)*, in particular those indicated below, should be observed when making decisions regarding this project:

- | | |
|----------------|---|
| Goal 2 | Increase employment opportunities and support the creation of jobs with better pay and benefits for the Region's workforce. |
| Policy 2.4 | Ensure that decisions with regard to the location of infrastructure investments by local governments are made with priority for the lowest income neighborhoods. |
| Goal 3 | Promote the health, safety, and welfare of South Florida's residents. |
| Policy 3.7 | Reduce exposure to environmental contaminants and hazards in the Region's ground, air, and water. |
| Goal 7 | Protect, conserve, and enhance the Region's water resources. |
| Policy 7.11 | Encourage the implementation and further development of water conservation measures. |
| Goal 9 | Develop clean, sustainable, and energy-efficient power generation and transportation systems. |
| Policy 9.2 | Encourage the development of renewable, clean fuels and energy-efficient enterprises to serve our communities and national markets. |
| Goal 14 | Preserve, protect, and restore Natural Resources of Regional Significance. |
| Policy 14.7 | Restore, preserve, and protect the habitats of rare and state and federally listed species. For those rare and threatened species that have been scientifically demonstrated by past or site specific studies to be relocated successfully, without resulting harm to the |

relocated or receiving populations, and where *in-situ* preservation is neither possible nor desirable from an ecological perspective, identify suitable receptor sites, guaranteed to be preserved and managed in perpetuity for the protection of the relocated species that will be utilized for the relocation of such rare or listed plants and animals made necessary by unavoidable project impacts. Consistent use of the site by endangered species, or documented endangered species habitat on-site shall be preserved on-site.

Goal 18 **Ensure regional coordination, preparation, and response to emergencies.**

Policy 18.14 Achieve flexible, comprehensive, and coordinated emergency planning for a variety of emergencies.

Policy 18.5 Enhance public awareness and education regarding appropriate responses to a variety of emergencies.

Policy 18.6 Promote the federal, state, and regional coordination of a public information and awareness program concerning various types of hazards and appropriate responses.

The South Florida Regional Planning Council is an affected agency, as identified in Florida Statute 403.507 (2) (a), and has been actively involved in review and comment during the Site Certification process. If you require further information, please contact me at 954-985-4416.

Sincerely,

James F. Murley
Executive Director

JFM/kal

cc: Sam Goren, Esquire