

attn: Jeff Koerner



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JAN 23 2012

DIVISION OF AIR
RESOURCE MANAGEMENT

January 23, 2012

Mr. Gregg Worley
Air Permits Section
U.S. Environmental Protection Agency, Region IV
61 Forsyth St., Southwest
Atlanta, Georgia 30303

Re: FPL Port Everglades Next Generation Clean Energy Center Project
Prevention of Significant Deterioration Application for Greenhouse Gases

Dear Mr. Worley:

Please find enclosed the Prevention of Significant Deterioration (PSD) Application prepared by Golder Associates for the emissions of Greenhouse Gases (GHGs) associated with Florida Power & Light Company's (FPL) Port Everglades Next Generation Clean Energy Center Project (PEEC or Project) in Broward County, Florida. FPL proposes to modernize the existing Port Everglades Plant Units 1 through 4 (i.e., conventional 1960s era residual oil and gas-fired generating units and support facilities) into a modern, highly efficient, lower-emission next generation clean energy center using the latest combined cycle technology. The existing Units 1 through 4 have a nominal capacity of 1,200 MW while PEEC will have a nominal capacity of 1,250 MW.

FPL operates one of the cleanest generating fleets in the nation. Consistent with FPL's trend of leading the industry in clean energy investments for customers, this modernization would cut the current plant's CO₂ emissions rate in half and slash its overall air emissions by approximately 90 percent. FPL's system emissions of CO₂ will be reduced by approximately 22 million tons from 2016 through 2047, which is a significant reduction in CO₂ emissions as a direct result of the PEEC Project.

FPL is separately filing an application with the Florida Department of Environmental Regulation (FDEP) for the purpose of establishing federally enforceable emissions limitations that ensure the Project will not result in a significant net increase in emissions of any other regulated air pollutant, in accordance with the Department's federally approved minor source air construction permit program under Florida's federally approved State Implementation Plan.

If you have any comments or questions regarding the attached, please feel free to contact me at (561) 691-7518 or Andy Flajole at (561) 691-2766. You may also contact Mr. Ken Kosky of Golder Associates at (352) 336-5600 for technical questions.

Sincerely,
Florida Power & Light Company

A handwritten signature in black ink that reads "Barbara P. Linkiewicz".

BARBARA P. LINKIEWICZ
Director of Environmental Licensing

Florida Power & Light Company

700 Universe Boulevard, Juno Beach, FL 33408

cc: Jeffery Koerner, P.E., FDEP Office of Permitting and Compliance
Ken Kosky, Golder Associates
Michael S. Tammaro, Esq., FPL
Luna Phillips, Esq., Gunster
Cindy Mulkey, FDEP Siting Office



Jeff Koerner

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DIVISION OF AIR
RESOURCE MANAGEMENT

January 23, 2012

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

Re: FPL Port Everglades Next Generation Clean Energy Center Project
Application for Site Certification

Dear Ms. Mulkey:

Florida Power & Light Company (FPL) is pleased to submit to the Department of Environmental Protection (Department) its Site Certification Application (SCA) for the Port Everglades Next Generation Clean Energy Center Project (PEEC or Project) in Broward County, pursuant to the Florida Electrical Power Plant Siting Act, Section 403.501, et seq., F.S. and Section 62-17.051, F.A.C. Enclosed is FPL Check No. 5000054250, made payable to the Department in the amount of \$125,500.00, and provided as the application fee pursuant to Section 62-17.293(1)(b)1 and 2, F.A.C. At this time, FPL is providing copies of the SCA to other agencies identified in Section 403.507(2)(a), F.S., pursuant to Section 403.5064(1)(a), F.S. and shown in the attached service list.

The SCA addresses all aspects of the PEEC Project by presenting information in accordance with the Department's draft "Application Instruction Guide: Electrical Power Plant Sites and Associated Facilities Electrical Transmission Lines" dated September 1, 2009 (draft PPSA/TLSA Application Guide). FPL is also separately filing with the Department an Application for Air Construction Permit for the Project and a Request for Modification of the existing Port Everglades Plant's Industrial Wastewater Facility Permit. In addition, FPL is separately filing a Prevention of Significant Deterioration (PSD) application with the U.S. Environmental Protection Agency Region IV for greenhouse gas emissions associated with the Project.

FPL looks forward to working with the Department and other interested agencies in the certification process. If you should have any questions regarding this SCA, please do not hesitate to call me at (561)691-7518 or Andy Flajole at (561)691-2766.

Sincerely,

A handwritten signature in blue ink that reads "Barbara P. Linkiewicz".

Barbara P. Linkiewicz
Director of Environmental Licensing

cc: Dianne Hughes, Siting Liaison, FDEP Southeast District Office
Michael S. Tamaro, Esq., FPL
Luna Phillips, Esq., Gunster

**DISTRIBUTION LIST FOR
FLORIDA POWER & LIGHT COMPANY
PORT EVERGLADES NEXT GENERATION CLEAN ENERGY CENTER
SITE CERTIFICATION APPLICATION**

1. Cindy Mulkey, Office of Siting Coordination, Florida Department of Environmental Protection, 3900 Commonwealth Boulevard, MS 48, Tallahassee, Florida 32399 (6 originals, 6 CDs)
2. Toni Sturtevant, Esq. , Office of Siting Coordination, Florida Department of Environmental Protection, 3900 Commonwealth Boulevard, MS 48, Tallahassee, Florida 32399 (1 CD)
3. Karrie-Jo Robinson-Shell, U. S. Environmental Protection Agency Region 4, Sam Nunn Atlanta Federal Agency, 61 Forsyth Street SW, Atlanta, GA 30303 (1 CD)
4. Katy Forney, U. S. Environmental Protection Agency Region 4, Sam Nunn Atlanta Federal Agency, 61 Forsyth Street SW, Atlanta, GA 30303 (1 CD)
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6. Ron Miedema, Department of Environmental Protection, Southeast District Office, 400 North Congress Avenue, Suite 120, West Palm Beach, Florida 33401 (1 CD)
7. Dianne Hughes, Department of Environmental Protection, Southeast District Office, 400 North Congress Avenue, Suite 200, West Palm Beach, Florida 33401 (1 CD)
8. Jeff Koerner, Department of Environmental Protection, Division of Air Resource Management, 2600 Blair Stone Road, MS 5500, Tallahassee, Florida 32399-2400 (1 CD)
9. Alvaro Linero, Department of Environmental Protection, Division of Air Resource Management, 2600 Blair Stone Road, MS 5500, Tallahassee, Florida 32399-2400 (1 CD)
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11. Linda Brien, Department of Environmental Protection, Southeast District Office, 400 North Congress Avenue, Suite 200, West Palm Beach, Florida 33401 (cover letter only)
12. Jill Creech, Department of Environmental Protection, Southeast District Office, 400 North Congress Avenue, Suite 200, West Palm Beach, Florida 33401 (cover letter only)
13. Marc Harris, Industrial Wastewater Section, Florida Department of Environmental Protection, 2600 Blair Stone Road, MS 3545, Tallahassee, Florida 32399 (1 CD)
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15. David Jordan, Esq., Florida Department of Economic Opportunity, 107 East Madison Street, Caldwell Building, Tallahassee, Florida 32399 (1 copy, 1 CD)

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17. Ruth Holmes, Esq., South Florida Water Management District, 3301 Gun Club Road, West Palm Beach, Florida 33406 (1 copy, 1 CD)
18. Sarita Shamah, Project Manager, City of Hollywood Public Utilities Department, 2717 Van Buren Street, Hollywood, Florida 33023 (1 CD)
19. Jeffrey Sheffel, Esq., City of Hollywood, 2717 Van Buren Street, Hollywood, Florida 33023 (1 CD)
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21. Jane Chabre, Assistant Director, Florida Fish and Wildlife Conservation Commission, Farris Bryant Building, 620 South Meridian Street, Mailbox 5B5, Tallahassee, Florida 32399 (1 CD)
22. Kelly Samek, Esq., Florida Fish and Wildlife Conservation Commission, Farris Bryant Building, 620 South Meridian Street, Mailbox 5B5, Tallahassee, Florida 32399 (1 CD)
23. Ben Shepherd, Florida Fish and Wildlife Conservation Commission, 6830 Shadowridge Drive, Suite 201, Orlando, FL 32812 (1 copy, 1 CD)
24. Carol Knox, Florida Fish and Wildlife Conservation Commission, Farris Bryant Building, 620 South Meridian Street, Mailbox 56A, Tallahassee, Florida 32399 (1 CD)
25. Ron Mezich, Florida Fish and Wildlife Conservation Commission, Farris Bryant Building, 620 South Meridian Street, Mailbox 56A, Tallahassee, Florida 32399 (1 CD)
26. Jennifer Goff, Florida Fish and Wildlife Conservation Commission, South Region Office, 8535 Northlake Boulevard, West Palm Beach, FL 32400 (cover letter only)
27. Larry Williams, U. S. Fish and Wildlife Service, South Florida Ecological Services Office, 1339 20th Street, Vero Beach, Florida 32960 (1 CD)
28. Kalani Cairns, U. S. Fish and Wildlife Service, South Florida Ecological Services Office, 1339 20th Street, Vero Beach, Florida 32960 (1 CD)
29. James F. Murley, Executive Director, South Florida Regional Planning Council, 3440 Hollywood Boulevard, Suite 140, Hollywood, Florida 33021 (1 copy, 1 CD)
30. Bob Cambric, South Florida Regional Planning Council, 3440 Hollywood Boulevard, Suite 140, Hollywood, Florida 33021 (1 CD)
31. Samuel S. Goren, Esq., Goren, Cherof, Doody and Ezrol, 3099 East Commercial Boulevard, Suite 200, Fort Lauderdale, Florida 33308 (1 copy, 1 CD)
32. David Tolces, Esq., Goren, Cherof, Doody and Ezrol, 3099 East Commercial Boulevard, Suite 200, Fort Lauderdale, Florida 33308 (1 copy, 1 CD)
33. Connie Mitchell, Planning Research Coordinator, Florida Department of Transportation, 605 Suwannee Street, Tallahassee, Florida 32399-0450 (5 CDs)

34. Kimberly Menchion, Assistant General Counsel, Florida Department of Transportation, 605 Suwannee Street, MS 58, Tallahassee, Florida 32399-0450 (1 CD)
35. Andrew Riddle, Florida Department of Transportation, FDOT District 4, 3400 West Commercial Boulevard, Fort Lauderdale, Florida 33309 (1 CD)
36. Larry Hymowitz, Florida Department of Transportation, 605 Suwannee Street, Tallahassee, Florida 32399 (1 CD)
37. Robert Graves, Florida Public Service Commission, Gerald Gunter Building, 2540 Shumard Oak Boulevard, Suite 140, Tallahassee, Florida 32399 (1 copy, 1 CD)
38. Adam Teizman, Attorney Supervisor, Florida Public Service Commission, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399 (1 CD)
39. Cindy Shulman, Main Library Manager, Broward County Main Library, 100 South Andrews Avenue, 5th Floor, Fort Lauderdale, Florida 33301 (1 copy, 1 CD)
40. Julie Evans, Florida Department of Economic Opportunity, Division of Community Development, 107 East Madison Street, Caldwell Building, Tallahassee, Florida 32399 (1 CD)
41. David Jordan, Esq., Florida Department of Economic Opportunity, Division of Community Development, 107 East Madison Street, Caldwell Building, Tallahassee, Florida 32399 (cover letter only)
42. Laura A. Kammerer, Florida Bureau of Historical Resources, Bureau of Historic Preservation, Division of Historical Resources, R. A. Gray Building, Room 423, 500 South Bronough Street, Tallahassee, Florida 32399 (1 copy, 1 CD)
43. Patricia Anderson, Florida Department of Health, Bureau of Water, 4052 Bald Cypress Way, Tallahassee, Florida 32399 (1 CD)
44. Eric G. Reusch, U. S. Army Corps of Engineers, 4400 PGA Boulevard, Suite 500, Palm Beach Gardens, Florida 33410 (cover letter only)
45. Jaye Epstein, City of Hollywood, Planning and Development Services, 2600 Hollywood Boulevard, Hollywood, Florida 30020 (1 copy, 1 CD)
46. Jeffrey Sheffel, Esq., City of Hollywood, 2717 Van Buren Street, Hollywood, Florida 33023 (cover letter only)
47. Joni Armstrong Coffey, Esq., Attn: Michael Owens, Broward County Attorney, 115 South Andrews Avenue, Suite 423, Fort Lauderdale, Florida 33301 (1 CD)
48. Cathy Swanson-Rivenbark, Interim City Manager, City of Hollywood, 2600 Hollywood Boulevard, Hollywood, Florida 30020 (1 copy, 1 CD)
49. Thomas J. Hutka, Broward County Public Works Department, 115 South Andrews Avenue, Annjex 550, Fort Lauderdale, Florida 33301 (1 CD)
50. Natacha Yacinthe, Broward County Planning Council, 115 South Andrews Avenue, Room 307, Fort Lauderdale, Florida 33301 (1 copy, 1 CD)

51. Daniela Banu, Broward County Department of Environmental Regulation – Air Section, 1 North University Drive, 102A, Plantation, Florida 33324 (1 CD)
52. Linda Sunderland, Broward County Department of Environmental Regulation – Wetland Section, 1 North University Drive, 102A, Plantation, FL 33324 (cover letter only)
53. Jennifer Jurado, Broward County Department of Environmental Regulation – Water Section, 1 North University Drive, 102A, Plantation, FL 33324 (1 copy, 1 CD)
54. Nancy Gassman, Broward County Environmental Protection and Growth Management Department, Natural Resources Planning and Management Division, 115 South Andrews Avenue, Room 329H, Fort Lauderdale, Florida 33301 (cover letter only)
55. Rosemarie Fallon, Broward County Department of Planning and Redevelopment, 115 South Andrews Avenue, #329K, Fort Lauderdale, Florida 33301 (1 CD)
56. David Danovitz, Broward County Environmental Protection and Growth Management Department, 115 South Andrews Avenue, Room 329 A-B, Fort Lauderdale, Florida 33301 (4 CDs)
57. Leonard Vialpand, Broward County Environmental Protection and Growth Management Department, 115 South Andrews Avenue, Fort Lauderdale, Florida 33301 (cover letter only)
58. David Anderton, Port Everglades Department Port Director's Office, 1850 Eller Drive, Fort Lauderdale, Florida 33316 (1 copy, 2 CDs)
59. Glen Wiltshire, Broward County Commission, Port Everglades Department, 1850 Eller Drive, Fort Lauderdale, Florida 33316 (1 CD)
60. John Foglesong, Broward County Public Works Department, Seaport Engineering & Construction Division, 1850 Eller Drive, Fort Lauderdale, Florida 33316 (1 CD)
61. Bill Maughan, Broward County Public Works Department, Seaport Engineering & Construction Division, 1850 Eller Drive, Fort Lauderdale, Florida 33316 (1 CD)
62. Paul Stanton, Broward County PED – Petroleum, Port Everglades, 1850 Eller Drive, Fort Lauderdale, Florida 33316 (1 CD)
63. Rob Musse, Broward County Public Works Department, Seaport Engineering & Construction Division, 1850 Eller Drive, Fort Lauderdale, Florida 33316 (1 copy, 1 CD)
64. Florida Power & Light Company, General Office, Corporate External Affairs, 9250 West Flagler Street, Miami, Florida 33174 (1 copy)