



February 10, 2005

RECEIVED

FEB 11 2005

BUREAU OF AIR REGULATION

Mr. Michael Halpin, P.E.
Bureau of Air Regulation
Florida Department of Environmental Protection
2600 Blair Stone Road, MS 5505
Tallahassee, Florida 32399-2400

Dear Mr. Halpin:

**Re: Hines Energy Complex - Power Block 4
PSD/Air Construction Permit Application
File No. 1050234-010-AC
Public Notice – Proof of Publication**

Please find enclosed the "proof of publication" for the public notice of the above referenced draft permit. The notice was published in the Lakeland Ledger on February 2, 2005.

Please contact me at (727) 820-8764 if you have any questions or need additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "Jamie Hunter". The signature is stylized and somewhat illegible.

Jamie Hunter
Lead Environmental Specialist
Environmental Services

Enclosure

c(w/enc): Hamilton Oven, FDEP Siting - Tallahassee

AFFIDAVIT OF PUBLICATION THE LEDGER Lakeland, Polk County, Florida

Case No

STATE OF FLORIDA)
COUNTY OF POLK)

Before the undersigned authority personally appeared C. Morgan Miller, who on oath says that he is Display Advertising Manager of The Ledger, a daily newspaper published at Lakeland in Polk County, Florida, that the attached copy of advertisement, being an

Public Notice of Intent

in the matter Hines Energy Complex at Power Block 4

Concerning Project No. 1050234-010-AC

was published in said newspaper in the issues of 1-2; 2005

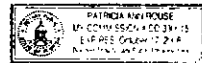
Affiant further says that said The Ledger is a newspaper published at Lakeland, in said Polk County, Florida, and that the said newspaper has heretofore been continuously published in said Polk County, Florida, daily, and has been entered as second class matter at the post office in Lakeland, in said Polk County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement, and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Signed, *C. Morgan Miller*
C. Morgan Miller
Display Advertising Manager
Who is personally known to me.

Sworn to and subscribed before me this 2nd

day of February, A.D. 2005

Patricia Ann Rouse
Notary Public



(Seal)

My Commission Expires 01/17/2008

M119

Attach Ad Here

Public Notice of Intent to Issue Air Permit
Florida Department of Environment Protection
Project No. 1050234-010-AC (PA 02-33) / Dine Air Permit No. PD41-042
Hines Energy Complex @ Power Block 4
Polk County, Florida

Applicant: The applicant for the project is Progress Energy Florida. The applicant is a wholly owned subsidiary of Progress Energy, Inc. The project is located at the Hines Energy Complex, 1700 E. Highway 206, in the Rural Municipality of the Hines Energy Complex. The applicant is mailing notices to PO Box 16482, MAC, Bldg. 8, Ft. Lauderdale, Florida 33313.

Facility Location: Progress Energy Florida operates the Hines Energy Complex, located in the west-northwest corner of Polk County, Florida, approximately 7 miles south-southwest of Bartow and 2 miles west-northwest of Fort Meade.

Project: The existing Hines Energy Complex currently consists of two existing electrical generating units (Gensets) (Units 1 and 2) and another electrical generating unit currently under construction (Power Block 4). The 30 MW combined cycle power generation unit that began operation in 1999 consists of 2 combustion turbines, 1 HRSG, and 1 steam turbine. Power Block 4 is a new 30 MW combined cycle power generation unit. After completion of the project (Power Block 4), the plant will have a total generating capacity of approximately 2,000 MW.

Permit: The existing Hines Energy Complex is located in Polk County, on land that is currently in compliance with the state and local air quality standards (AAQ) as it relates to ozone design and unit emissions. The proposed unit is a major facility as it exceeds the AAQ standards for ozone design and unit emissions. The proposed unit is a major facility as it exceeds the AAQ standards for ozone design and unit emissions. The proposed unit is a major facility as it exceeds the AAQ standards for ozone design and unit emissions.

Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (FS) and Chapters 62.4, 62.7, and 62.715 of the Florida Administrative Code (F.A.C.). The applicant has provided the information required by the Florida Department of Environment Protection (FDEP) to determine if the proposed project meets the requirements of the Florida Department of Environment Protection (FDEP) and the information submitted by the applicant meets the requirements of the Florida Department of Environment Protection (FDEP) and the information submitted by the applicant meets the requirements of the Florida Department of Environment Protection (FDEP).

Notice of Intent to Issue Air Permit: The Permitting Authority gives notice of its intent to issue an air permit for the project described above. The applicant has provided the information required by the Florida Department of Environment Protection (FDEP) to determine if the proposed project meets the requirements of the Florida Department of Environment Protection (FDEP) and the information submitted by the applicant meets the requirements of the Florida Department of Environment Protection (FDEP).

Comments: The Permitting Authority will accept written comments concerning the Draft Permit for a period of 30 days from the date of publication of the Public Notice. Written comments must be submitted to the Permitting Authority at the address listed below. Comments must be received by the Permitting Authority on or before the end of the 30-day period. The Permitting Authority will accept comments received by the Permitting Authority on or before the end of the 30-day period. The Permitting Authority will accept comments received by the Permitting Authority on or before the end of the 30-day period.

Public Hearing: A public hearing will be held on the date and location listed below. The hearing will be held on the date and location listed below. The hearing will be held on the date and location listed below. The hearing will be held on the date and location listed below.

AFFIDAVIT OF PUBLICATION

THE LEDGER

Lakeland, Polk County, Florida

Case No.

STATE OF FLORIDA)
COUNTY OF POLK)

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Public Notice of Intent

in the matter Hines Energy Complex at Power Block J.....

Concerning Project No. 10502314-01D-AC.....

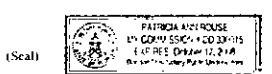
was published in said newspaper in the issues of 2-21-2005.....

Affiant further says that said The Ledger is a newspaper published at Lakeland, in said Polk County, Florida, and that the said newspaper has heretofore been continuously published in said Polk County, Florida, daily, and has been entered a second class matter at the post office in Lakeland, in said Polk County, Florida for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Signed..... *C. Morgan Miller*
C. Morgan Miller
Display Advertising Manager
Who is personally known to me

Sworn to and subscribed before me this *21st* day of *February* AD *2005*

Notary Public *Patricia Ann Rouse*



My Commission Expires *Dec 21 2008*

M119

Attach Ad Here

Public Notice of Intent to Issue Air Permit
Florida Department of Environment Protection
Project No. 10502314-01D-AC (10-502314-01D-01-01) Don't Air Permit No. PSD-11-02
Hines Energy Complex at Power Block J

Applicant: The applicant for this project is Progress Energy Florida, the applicant's authorized representative is Roger Zink, the Plant Manager of the Hines Energy Complex. The applicant's mailing address is P.O. Box 14042, MAC #81A, St. Petersburg, Florida 33716.

Facility Location: Progress Energy Florida operates the existing Hines Energy Complex located in the southern portion of the County, Florida. Approximately, these units are located at the southwest corner of North Avenue and Highway 190.

Project: The existing Hines Energy Complex currently consists of two generating units (Power Block 1 and 2) and a gas turbine peaking generating unit. Currently, there are four combustion turbine units (Power Block 3) which contain one power generation unit and two peaking units. The facility currently has a peaking capacity of 1,000 MW. The existing peaking units are: 2 MIP-52 and 1 MIP-52. The peaking capacity of the peaking units is approximately 750 MW. The gas turbine peaking unit (Power Block 3) has a peaking capacity of approximately 250 MW.

In August of 2004, the Department received a PSD permit application for the existing facility that would increase the generating output of the facility from 1500 to 2000 megawatts of output. Based on the project's anticipated emissions, the project is subject to PSD construction review for construction of the gas turbine peaking units, 2 MIP-52 and 1 MIP-52. The Department has more information on the following air pollution control equipment: the MIP-52 units and selective catalytic air purification system to reduce nitrogen oxides emissions; the air pollution control system; the MIP-52 units; and the MIP-52 units. The project's proposed emissions are: nitrogen oxides, sulfur dioxide, carbon dioxide, carbon monoxide, particulate matter, and mercury. The project's proposed emissions are: nitrogen oxides, sulfur dioxide, carbon dioxide, carbon monoxide, particulate matter, and mercury. The project's proposed emissions are: nitrogen oxides, sulfur dioxide, carbon dioxide, carbon monoxide, particulate matter, and mercury.

Permitting Authority: Applications for air construction permits are subject to review by the Florida Department of Environment Protection (FDEP) and the Florida Department of Agriculture and Consumer Services (FDACS) in accordance with the Florida Department of Environment Protection's (FDEP) Air Pollution Control Act. The Florida Department of Environment Protection (FDEP) is the primary authority for the permitting process. The Florida Department of Agriculture and Consumer Services (FDACS) is the secondary authority for the permitting process. The Florida Department of Environment Protection (FDEP) and the Florida Department of Agriculture and Consumer Services (FDACS) are the primary authorities for the permitting process.

Notice of Intent to Issue Air Permit: The Permitting Authority gives notice of its intent to issue an air permit for the proposed project. The notice of intent to issue an air permit is published in the public notice of intent to issue an air permit. The notice of intent to issue an air permit is published in the public notice of intent to issue an air permit.

Comments: The Permitting Authority will accept written comments concerning the Draft Permit for the proposed project. The Permitting Authority will accept written comments concerning the Draft Permit for the proposed project. The Permitting Authority will accept written comments concerning the Draft Permit for the proposed project.

Public Hearing: A public hearing will be held on the proposed project. The public hearing will be held on the proposed project. The public hearing will be held on the proposed project.

Decision: The Permitting Authority will issue a final decision on the proposed project. The Permitting Authority will issue a final decision on the proposed project. The Permitting Authority will issue a final decision on the proposed project.

AFFIDAVIT OF PUBLICATION

THE LEDGER

Lakeland, Polk County, Florida

Case No

STATE OF FLORIDA)
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Public Notice of Intent

in the matter **Hines Energy Complex at Power Block 4**.....

Concerning **Project No. 1050234-010-AC**.....

was published in said newspaper in the issues of **2-2; 2005**.....

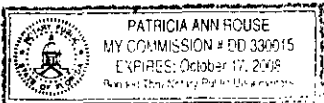
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Signed..... *C. Morgan Miller*
C. Morgan Miller
Display Advertising Manager
Who is personally known to me.

Sworn to and subscribed before me this 2nd.....

day of February..... A.D. 2005.....

Patricia Ann Rouse
Notary Public



(Seal)

My Commission Expires Oct 17, 2008.....

M119

Attach Ad Here

Public Notice of Intent to Issue Air Permit

Florida Department of Environmental Protection
Project No. 1050234-010-AC (PA 92-33) / Draft Air Permit No. PSD-FL-342
Hines Energy Complex @ Power Block 4
Polk County, Florida

Applicant: The applicant for this project is Progress Energy Florida. The applicant's authorized representative is Mr. Roger Zrkle, the Plant Manager of the Hines Energy Complex. The applicant's mailing address is P.O. Box 14042, MAC 881A, St. Petersburg, Florida 33733.

Facility Location: Progress Energy Florida operates the existing Hines Energy Complex located in the southwest portion of Polk County, Florida, approximately 7 miles south-southwest of Barlow and Smiles west-northwest of Fort Meade.

Project: The existing Hines Energy Complex currently consists of two operating electrical generating units (Power Block 1 and 2) and another electrical generating unit currently under construction (Power Block 3). Power Block 1 is a 500MW combined cycle power generation unit that began operation in 1999. It consists of 2 combustion turbines, 2 HRSGs, and 1 steam turbine. Power Block 2 is a similar in design; the existing facility (inclusive of both Power Blocks) has a total generating capacity of 1,030 MW. Power Block 3, when complete, will include 2 combustion turbines, 2 HRSGs, and 1 steam turbine in a 500MW power generation unit. After completion of this project (Power Block 4), the plant will have a total generating capacity of approximately 2,000MW.

The existing power plant is located in Polk County, an area that is currently in attainment with the state and federal Ambient Air Quality Standards (AAQS) or otherwise designated as unclassifiable. The power plant is a major facility in accordance with Rule 62-212.400, F.A.C., the regulatory program for the Prevention of Significant Deterioration (PSD) of Air Quality. Therefore, new projects of the existing facility must be reviewed for PSD applicability.

In August of 2004, the Department received a PSD permit application for the existing facility that would increase the generating output of the facility from 1560 to 2000 megawatts of output. Based on potential emissions increases, the project is subject to PSD preconstruction review for carbon monoxide, nitrogen oxides, particulate matter, sulfur dioxide, and sulfuric acid mist. The Department has made a preliminary determination of the Best Available Control Technology (BACT) for each of these pollutants based on the following air pollution control equipment: low-NOx burners and a selective catalytic reduction system to reduce nitrogen oxides emissions; and the efficient combustion of clean, low-sulfur fuels to minimize emissions of carbon monoxide, particulate matter, sulfuric acid mist and sulfur dioxide. Based on the supporting air quality analysis of the potential impacts from increased operation, the applicant provided the Department with reasonable assurance that the project would not significantly contribute to or cause a violation of any state or federal ambient air quality standards and would not significantly contribute to or cause a violation of any PSD Class I or Class II increments. However, the project does require a PSD permit to authorize the requested construction, and upon completion of the project the plant will have an increase in steam-generated electrical capacity of approximately 190 MW. Therefore, the project is subject to the power plant site certification requirements of the Department.

Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210, and 62-212 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Florida Department of Environmental Protection's Bureau of Air Regulation is the Permitting Authority responsible for making a permit determination for this project. The Bureau of Air Regulation's physical address is 111 South Magnolia Drive, Suite 400, Tallahassee, Florida 32301 and the mailing address is 2600 Blue Stone Road, MS #5005, Tallahassee, Florida 32399-2400. The Bureau of Air Regulation's phone number is 850/488-0114 and fax number is 850/921-9533.

Project File: A complete project file is available for public inspection during the normal business hours of 9:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at address indicated above for the Permitting Authority. The complete project file includes the Draft Permit, the Technical Evaluation and Preliminary Determination, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address and phone number listed above. A copy of the project file is available at the Air Resource Section of the Department's Southwest District Office at 3804 Coconut Palm Drive, Tampa, Florida 33619-8218 (Phone: 813/744-6100).

Notice of Intent to Issue Air Permit: The Permitting Authority gives notice of its intent to issue an air permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of proposed equipment will not adversely impact air quality and that the project will comply with all applicable provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-206, and 62-207, F.A.C. The Permitting Authority will issue a Final Permit in accordance with the conditions of the proposed Draft Permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S., or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

Comments: The Permitting Authority will accept written comments concerning the Draft Permit for a period of thirty (30) days from the date of publication of the Public Notice. Written comments must be post-marked with all applicable provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-206, and 62-207, F.A.C. As part of his or her comments, any person may also request that the Permitting Authority hold a public meeting on this permitting action. If the Permitting Authority determines there is sufficient interest for a public meeting, it will publish notice of the time, date, and location on the Department's official web site for notices at <http://www.dep.state.fl.us/ow> and in a newspaper of general circulation in the area affected by the permit. Additional information concerning the Permitting Authority of the above address or phone number. If written comments or comments received at a public meeting result in a significant change to the Draft Permit, the Permitting Authority will issue a Revised Draft Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the following information: (a) The name and address of each agency or each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of how and when each petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-100.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this Public Notice of Intent to Issue Air Permit. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding. In accordance with the requirements set forth above, this PSD permitting action is being coordinated with a certification under the Power Plant Siting Act (Sections 403.501-519, F.S.). If a petition for an administrative hearing on the Department's intent to issue Air Permit is filed by a substantially affected person, that hearing shall be consolidated with the certification hearing, as provided under Section 403.507(3), F.S.

Mediation: Mediation is not available in this proceeding.

M119 2-2, 2005