FINAL DETERMINATION

PERMITTEE

Shady Hills Power Company, LLC
120 Long Ridge Road
Stamford, Connecticut 06927

PERMITTING AUTHORITY

Florida Department of Environmental Protection
Division of Air Resource Management
Bureau of Air Regulation, New Source Review Section
2600 Blair Stone Road, MS #5505
Tallahassee, Florida 32399-2400

PROJECT

Project No. 1010373-009-AC
PSD Permit Revision No. PSD-FL-280A
Shady Hills Generating Station

Facility Location: The applicant, Shady Hills Power Company, LLC operates the existing Shady Hills Generating Station which is located in Pasco County at 14240 Merchant Energy Way in Spring Hill, Florida.

Purpose: The purpose of this project is to revise the original air construction permit 1010373-001-AC/PSD-FL-280 and concurrently revise Title V air operation permit No. 1010373-006-AV to incorporate the specific conditions of air construction Permit No. 1010373-009-AC to allow increases for the three 170 megawatt (MW) simple cycle units (Emissions Unit (EU)-001, EU-002 and EU-003) from 1,612 to 1,704 million Btu per hour (MMBtu/hr) when firing natural gas and an increase from 1,806 to 1,889 MMBtu/hr when firing distillate oil. The increases are requested to correct estimates provided by the gas turbine vendor that underestimate the actual performance of the installed turbines. No physical changes are necessary to realize the requested heat input increases. No increase in the emissions standards (concentrations or mass emissions rates) are requested to accommodate the change. The applicant does not expect any increased utilization as a result of the change. The emissions units will continue to comply with all applicable provisions of the air construction and operation permits.

NOTICE AND PUBLICATION

The Department distributed the Intent to Issue Permit package on September 16, 2008. The applicant published the Public Notice of Intent to Issue in The St. Petersburg Times on September 26, 2008. The Department received the proof of publication on October 3, 2008.

COMMENTS

No comments on the Draft Permit were received from the public, the Department's Southwest District Office, the EPA Region 4 Office, or the applicant.

CONCLUSION

The final action of the Department is to issue the permit as drafted.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF FINAL PERMIT

In the Matter of an
Application for Permit by:

Shady Hills Power Company, LLC
120 Long Ridge Road
Stamford, Connecticut 06927

Responsible Official:
Mr. Roy S. Belden, Vice President

Air Permit No. PSD-FL-280A
Project No. 1010373-009-AC
Shady Hills Generating Station
Facility ID No. 1010373
Combustion Turbine Heat Input Increases

The purpose of this project is to revise the original air construction permit 1010373-001-AC/PSD-FL-280 and concurrently revise Title V air operation permit No. 1010373-006-AV to incorporate the specific conditions of air construction Permit No. 1010373-009-AC/PSD-FL-280A to allow increases for the three 170 megawatt (MW) simple cycle units (Emissions Unit (EU)-001, EU-002 and EU-003) from 1,612 to 1,704 million Btu per hour (MMBtu/hr) when firing natural gas and an increase from 1,806 to 1,889 MMBtu/hr when firing distillate oil. The increases are requested to correct estimates provided by the gas turbine vendor that underestimate the actual performance of the installed turbines. No physical changes are necessary to realize the requested heat input increases. No increase in the emissions standards (concentrations or mass emissions rates) are requested to accommodate the change. The applicant does not expect any increased utilization as a result of the change. The emissions units will continue to comply with all applicable provisions of the air construction and operation permits.

This permit is issued pursuant to Chapter 403, Florida Statutes (F.S.). Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, F.S. by filing a Notice of Appeal pursuant to Rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000); and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this order is filed with the Clerk of the Department.

Executed in Tallahassee, Florida

Trina L. Vielhauer 11/12/08

Trina L. Vielhauer, Chief (Date)
Bureau of Air regulation

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Final Permit (including the Final Determination and the Final Permit) was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on 11/13/08 to the persons listed below.

Mr. Roy S. Belden, Shady Hills Power Company, LLC (Roy.Belden@GE.com)
Mr. Scott Osbourn, Golder Associates, Inc. (SOsbourn@golder.com)
Ms. Cindy Zhang-Torres, Southwest District Office (Cindy.Zhang-Torres@dep.state.fl.us)
Ms. Kathleen Forney, EPA Region 4 (forney.kathleen@epa.gov)
Ms. Vickie Gibson, DEP-BAR (victoria.gibson@dep.state.fl.us) (for read file)

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

(Clerk) 11/13/08 (Date)