

## Memorandum

# Florida Department of Environmental Protection

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TO: Trina Vielhauer, Bureau of Air Regulation  
FROM: Syed Arif, New Source Review Section ~~SA~~  
DATE: November 12, 2008  
SUBJECT: Proposed Title V air operation permit No. 1010373-010-AV  
Shady Hills Power Company, LLC, Shady Hills Generating Station  
Combustion Turbine Heat Input Increases

The purpose of this project is to revise Title V air operation permit No. 1010373-006-AV to incorporate the specific conditions of air construction Permit No. 1010373-009-AC. This project includes a heat input rate increase for the three 170 MW simple cycle units (Emissions Unit (EU)-001, EU-002 and EU-003) and minor language clarifications and additions.

- Proposed Determination
- Statement of Basis
- Proposed Permit

I recommend your approval of the attached Proposed Permit.

Attachments



# Florida Department of Environmental Protection

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

November 12, 2008

Mr. Roy S. Belden, Vice President  
Shady Hills Power Company, LLC  
120 Long Ridge Road  
Stamford, Connecticut 06297

Re: Title V Air Operation Permit Revision  
Proposed Permit Project No. 1010373-010-AV  
Revision to Title V Air Operation Permit No. 1010373-006-AV  
Shady Hills Generating Station

Dear Mr. Belden:

One copy of the Proposed Determination for the Title V Air Operation Permit Revision for the Shady Hills Generating Station which is located in Pasco County at 14240 Merchant Energy Way in Spring Hill, Florida, is enclosed. This letter is only a courtesy to inform you that the Draft Permit has become a Proposed Permit.

An electronic version of this determination has been posted on the Division of Air Resources Management's world wide web site for the United States Environmental Protection Agency (USEPA) Region 4 office's review. The web site address is: "<http://www.dep.state.fl.us/air/eproducts/ards/default.asp>".

Pursuant to Section 403.0872(6), Florida Statutes, if no objection to the Proposed Permit is made by the USEPA within 45 days, the Proposed Permit will become a Final Permit no later than 55 days after the date on which the Proposed Permit was mailed (posted) to USEPA. If USEPA has an objection to the Proposed Permit, the Final Permit will not be issued until the permitting authority receives written notice that the objection is resolved or withdrawn.

If you have any questions, please contact Syed Arif at 850/921-9528.

Sincerely,

Trina Vielhauer, Chief  
Bureau of Air Regulation

TLV/sa  
Enclosures

copy furnished to:

Mr. Roy S. Belden, Shady Hills Power Company, LLC ([Roy.Belden@GE.com](mailto:Roy.Belden@GE.com))  
Mr. Scott Osbourn, Golder Associates, Inc. ([Sosbourn@golder.com](mailto:Sosbourn@golder.com))  
Ms. Cindy Zhang-Torres, Southwest District Office ([Cindy.Zhang-Torres@dep.state.fl.us](mailto:Cindy.Zhang-Torres@dep.state.fl.us))  
Ms. Kathleen Forney, EPA Region 4 ([forney.kathleen@epa.gov](mailto:forney.kathleen@epa.gov))  
Ms. Barbara Friday, DEP BAR ([Barbara.Friday@dep.state.fl.us](mailto:Barbara.Friday@dep.state.fl.us)) (for posting with U.S. EPA, Region 4)  
Ms. Vickie Gibson, DEP BAR ([Victoria.Gibson@dep.state.fl.us](mailto:Victoria.Gibson@dep.state.fl.us)) (for read file)

## **Proposed Determination**

Title V Air Operation Permit Revision  
Proposed Permit Project No. 1010373-010-AV  
Revision to Title V Air Operation Permit No. 1010373-006-AV  
Page 1 of 1

### **I. Public Notice.**

An Intent to Issue Title V Air Operation Permit Revision to Shady Hills Generating Station which is located in Pasco County at 14240 Merchant Energy Way in Spring Hill, Florida, was clerked on September 16, 2008. The Public Notice of Intent to Issue Title V Air Operation Permit Revision was published in the The St. Petersburg Times on September 26, 2008. The Draft Permit was available for public inspection at the Southwest District in Temple Terrace and the permitting authority's office in Tallahassee. Proof of publication of the Public Notice of Intent to Issue Title V Air Operation Permit Revision was received on October 3, 2008.

### **II. Public Comment(s).**

No comments were received during the 30 day public comment period. Since no comments were received, the Draft Permit becomes the Proposed Permit.

### **III. Conclusion.**

Since there were no comments received during the Public Notice period, no changes were made to the Draft Permit and the permitting authority hereby issues the Proposed Permit.

## STATEMENT OF BASIS

### PROJECT DESCRIPTION

The purpose of this project is to 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 (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.

### FACILITY DESCRIPTION

The facility is an electrical generating power plant with a Standard Industrial Classification Code of SIC No. 4911. The facility is located in Pasco County at 14240 Merchant Energy Way, Spring Hill, Florida. The UTM coordinates are Zone 17, 347 km East, and 3139 km North.

This facility consists of three, dual-fuel, nominal 170 megawatt (MW) General Electric Frame 7FA combustion turbine-electrical generators (Model PG7241 7FA), three exhaust stacks that are 18 feet in diameter and 75 feet tall, and one 2.8-million gallon distillate fuel oil storage tank. The combustion turbine units can operate in simple-cycle mode and intermittent duty mode. The units are equipped with Dry Low-nitrogen oxides (NO<sub>x</sub>) combustors and water injection capability. This facility operates during peak hours of electrical use. Compliance Assurance Monitoring (CAM) does not apply to these emissions units because compliance is demonstrated by using a NO<sub>x</sub> continuous emissions monitoring system (CEMS).

### PRIMARY REGULATORY REQUIREMENTS

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility has units subject to the acid rain provisions of the Clean Air Act.
- The facility is a Title V major source of air pollution in accordance with Chapter 213, Florida Administrative Code (F.A.C.).
- The facility is a major stationary source in accordance with Rule 62-212.400, F.A.C
- The facility operates units subject to the New Source Performance Standards (NSPS) of 40 Code of Federal Regulations (CFR) 60.

### APPLICABLE REGULATIONS

In addition to federal rules above, this facility is subject to the following state rules:

APPLICABLE REGULATIONS	EU ID
Rule 62-4, Permitting Requirements	001, 002, 003
Rule 62-204, Ambient Air Quality Requirements, PSD Increments, and Federal Regulations Adopted by Reference	
Rule 62-210, Permits Required, Public Notice, Reports, Stack Height Policy, Circumvention, Excess Emissions, and Forms	
Rule 62-212, Preconstruction Review, PSD Review and BACT, and Non-attainment Area Review and LAER	
Rule 62-213, Title V Air Operation Permits for Major Sources of Air Pollution	
Rule 62-214, Acid Rain Program Requirements	
Rule 62-296, Emission Limiting Standards	
Rule 62-297, Test Methods and Procedures, Continuous Monitoring Specifications, and Alternate Sampling Procedures	

## STATEMENT OF BASIS

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### PROJECT REVIEW

On June 23, 2008, the applicant submitted an application to revise the original air construction permit (Permit No. 1010373-001-AC / PSD-FL-280) and concurrently revise the Title V air operation permit (Permit No. 1010373-006-AV) for the following items:

Section III, Subsection A: Revise the reference to NSPS Subpart GG with a reference to NSPS Subpart KKKK. The permit has been revised accordingly.

Section III, Condition A.1.: Revise the maximum heat input rates using a lower heating value (LHV) from 1,612 million Btu per hour (MMBtu/hr) to 1,704 MMBtu/hr when firing natural gas and from 1,806 MMBtu/hr to 1,889 MMBtu/hr when firing No. 2 or superior grade of distillate fuel oil. The permit has been revised accordingly.

Section III, Condition A.5.: Revise the hours of operation language to allow an average of 1,000 hours per year per turbine of distillate oil firing. The permit has been revised accordingly.

Section III, Section A.9.c.: Add clarifying language to require a NO<sub>x</sub> reduction plan when oil firing reaches the allowable limit of 1000 hours per year on any combustion turbine. The permit has been revised accordingly.

Section III, Condition A.16.: Add a condition to clarify CEMS data exclusions when conducting major combustor tuning. The permit has been revised accordingly.

Section III, Condition A.21.: Add clarifying language to require additional compliance tests after any modification of the unit or pollution control equipment and change Reference Method 20 to Reference Method 7E. The permit has been revised accordingly.

Section V: Replace Appendix NGG with Appendix NKKKK; Subpart KKKK--Standards of Performance for Stationary Combustion Turbines. The permit has been revised accordingly.

### CONCLUSION

This project revises Title V air operation permit No. 1010373-006-AV, which was issued on December 20, 2007. This Title V Air Operation Proposed Permit Revision is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Chapters 62-4, 62-210, 62-213 and 62-214 F.A.C. In accordance with the terms and conditions of this permit, the above named permittee is hereby authorized to operate the facility as shown on the application and approved drawings, plans, and other documents, on file with the permitting authority.

## PROPOSED TITLE V AIR OPERATION PERMIT REVISION

### PERMITTEE

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

### FACILITY LOCATION AND DESCRIPTION

The facility is an electrical generating power plant with a Standard Industrial Classification Code of SIC No. 4911. The facility is located in Pasco County at 14240 Merchant Energy Way, Spring Hill, Florida. The UTM coordinates are Zone 17, 347 km East, and 3139 km North.

This facility consists of three, dual-fuel, nominal 170 megawatt (MW) General Electric Frame 7FA combustion turbine-electrical generators (Model PG7241 7FA), three exhaust stacks that are 18 feet in diameter and 75 feet tall, and one 2.8-million gallon distillate fuel oil storage tank. The combustion turbine units can operate in simple-cycle mode and intermittent duty mode. The units are equipped with Dry Low-nitrogen oxides (NO<sub>x</sub>) combustors and water injection capability.

### PROJECT

The purpose of this project is to revise Title V air operation permit No. 1010373-006-AV to incorporate the specific conditions of air construction Permit No. 1010373-009-AC. This project includes a heat input rate increase for the three 170 MW simple cycle units (Emissions Unit (EU)-001, EU-002 and EU-003) and minor language clarifications and additions.

### REVISIONS

This permitting action will revise the following specific conditions in current Title V air operating Permit No. 1010373-006-AV. Deletions are shown in strikethrough; additions are shown in double-underline.

### SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS

#### SUBSECTION A SIMPLE CYCLE COMBUSTION TURBINES 1, 2 AND 3

EU Nos.	Brief Description
001, 002 and 003	Simple-cycle Units 1, 2 and 3 are identical systems. The initial startup date for the simple-cycle units was 12/20/2001. Each unit consists of a General Electric Frame 7FA (Model PG 7241FA) combustion turbine-electrical generator rated at a nominal 170 megawatts. Each unit is fired with pipeline natural gas and No. 2 distillate fuel oil and uses dry low emission combustor technology. Each unit has its own stack that is 18 feet in diameter and 75 feet tall. Each unit can operate in simple-cycle mode and intermittent duty mode. Each unit is equipped with Dry Low-NO <sub>x</sub> combustors and water injection capability to minimize NO <sub>x</sub> emissions. A CEMS is used for determining compliance with NO <sub>x</sub> .

These emissions units are regulated under Acid Rain-Phase II, 40 CFR 60, ~~Subpart GG~~ Subpart KKKK, Standards of Performance for Stationary Gas Combustion Turbines, adopted by reference in Rule 62-204.800, F.A.C.; and, Rule 62-212.400, F.A.C., Prevention of Significant Deterioration (PSD), including a determination of Best Available Control Technology (BACT) as established in Permit No. 1010373-001-AC/PSD-FL-280. Dry Low-NO<sub>x</sub> combustors are used to control NO<sub>x</sub> emissions when firing natural gas. Water injection systems are used to control NO<sub>x</sub> emissions when firing distillate oil. CAM does not apply to these emissions units because compliance is demonstrated by using a NO<sub>x</sub> CEMS.

## PROPOSED TITLE V AIR OPERATION PERMIT REVISION

**A.1. Permitted Capacity.** The maximum heat input rates, based on the lower heating value (LHV) of each fuel to each unit (-001, -002, and -003), ambient conditions of 59°F temperature, 60% relative humidity, 100% load and 14.7 psi pressure, shall not exceed ~~1,612~~ 1,704 million Btu per hour (MMBtu/hr) when firing natural gas, nor ~~1,806~~ 1,889 MMBtu/hr when firing No. 2 or superior grade of distillate fuel oil. These maximum heat input rates will vary depending upon ambient conditions and the combustion turbine characteristics. Manufacturer's curves corrected for site conditions or equations for correction to other ambient conditions shall be provided to the Compliance Authority within 45 days of completing the initial compliance testing. [Rule 62-210.200(PTE), F.A.C.; and 1010373-0019-AC/PSD-FL-280A]

**A.5. Hours of Operation.** The stationary gas turbines are allowed to operate an average of 3,390 hours per unit, including ~~up to~~ an average of 1,000 hours on fuel oil per unit during any calendar year. No single combustion turbine shall operate more than 5,000 hours in a single year. [Rules 62-210.200(PTE) and 62-212.400(BACT), F.A.C.; 1010373-0019-AC/PSD-FL-280A; and 1010373-006-AV]

### **A.9. NO<sub>x</sub> Emissions**

**c. Reduction Plan.** The permittee shall develop a NO<sub>x</sub> reduction plan when the hours of oil firing reach ~~the allowable limit of~~ 1,000 hours per year on any combustion turbine. This plan shall include a testing protocol designed to establish the maximum water injection rate and the lowest NO<sub>x</sub> emissions possible without affecting the actual performance of the gas turbine. The testing protocol shall set a range of water injection rates and attempt to quantify the corresponding NO<sub>x</sub> emissions for each rate and noting any problems with performance. Based on the test results, the plan shall recommend a new NO<sub>x</sub> emissions limiting standard and shall be submitted to the Department's Bureau of Air Regulation and Compliance Authority for review. If the Department determines that a lower NO<sub>x</sub> emissions standard is warranted for oil firing, this permit shall be revised. To date, not one single emissions unit has fired fuel oil for 1,000 hours in a year. [1010373-0019-AC/PSD-FL-280A; and 1010373-006-AV]

### **A.16. Excess Emissions - Allowed.**

**a. Excess emissions resulting from startup, shutdown or malfunction of any emissions unit shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration. Operation below 50% output shall be limited to 2 hours per unit cycle (breaker closed to breaker open).**

**b. CEMS Data Exclusion – DLN Tuning.** CEMS data collected during initial or other major combustor tuning sessions shall be excluded from the CEMS compliance demonstration provided the tuning session is performed in accordance with the manufacturer's specifications. A "major tuning session" would occur after completion of initial construction, a combustor change-out, a major repair or maintenance to a combustor, or other similar circumstances. Prior to performing any major tuning session, the permittee shall provide the Department's Southwest District Compliance Authority with advance notice that details the activity and proposed tuning schedule. The notice shall be by telephone, facsimile transmittal, or electronic mail. [Rules 62-4.070(3) and 1010373-010-AV]

**A.21. Annual Compliance Tests.** Unless otherwise indicated, *annual* compliance tests shall be performed during every federal fiscal year (October 1 - September 30) pursuant to Rule 62-297.310(7), F.A.C., on each unit by using the following reference methods as described in 40 CFR 60, Appendix A, and adopted by reference in Rule 62-204.800, F.A.C. No other test methods may be used for compliance testing unless prior Departmental approval is received in writing. Additional compliance tests shall also be conducted for all pollutants, except for PM/PM<sub>10</sub> (VE surrogate), after any modification (and shake down period not to exceed

## PROPOSED TITLE V AIR OPERATION PERMIT REVISION

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100 days after re-starting the combustion turbine) of the unit or air pollution control equipment ~~such as change or tuning of combustors~~; and these tests are allowed to be conducted at a single load in lieu of the four loads.

- EPA Reference Method 9, “Visual Determination of the Opacity of Emissions from Stationary Sources”.
- EPA Reference Method 10, “Determination of Carbon Monoxide Emissions from Stationary Sources”. Compliance testing for CO may be conducted at less than capacity when compliance testing is conducted concurrent with the annual Relative Accuracy and Test Audit (RATA) testing for the NO<sub>x</sub> CEMS required pursuant to 40 CFR 75.
- EPA Reference Method ~~20-7E~~, “Determination of Oxides of Nitrogen Oxide, ~~Sulfur Dioxide and Diluent~~ Emissions from Stationary Gas Turbines.”
- EPA Reference Method 18, 25 and/or 25A, “Determination of Volatile Organic Concentrations.” Initial test only.

[1010373-0049-AC/PSD-FL-280A; and 1010373-001-AC/PSD-FL-280 amendment]



**Friday, Barbara**

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**To:** 'roy.belden@ge.com'  
**Cc:** 'sosbourn@golder.com'; Zhang-Torres; Forney.Kathleen@epamail.epa.gov; Gibson, Victoria; Arif, Syed; Holtom, Jonathan  
**Subject:** SHADY HILLS GENERATING STATION; 1010373-010-AV  
**Attachments:** ProposedCoverLetter.pdf

Click on the link to the documents displayed below and send a "reply" message verifying receipt of the document (s) provided in this email; this may be done by selecting "Reply" on the menu bar of your e-mail software, noting that you can view the documents, and then selecting "Send". We must receive verification that you are able to access the documents. Your reply will preclude subsequent e-mail transmissions to verify receipt of the documents).

Click on the following link to access the permit project documents:

[http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf\\_permit\\_zip\\_files/1010373.010.AV.P\\_pdf.zip](http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/1010373.010.AV.P_pdf.zip)

This is the official notification of the Proposed Permit Revision and its associated documents for the following project:

Attention: Syed Arif

Owner/Company Name: SHADY HILLS POWER COMPANY, L.L.C.

Facility Name: SHADY HILLS GENERATING STATION

Project Number: 1010373-010-AV

Permit Status: PROPOSED

Permit Activity: PERMIT REVISION

Facility County: PASCO

The Bureau of Air Regulation is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Access these documents by clicking on the link provided above, or search for other project documents using the "Air Permit Documents Search" website at <<http://www.dep.state.fl.us/air/eproducts/apds/default.asp>> .

Permit project documents are addressed in this email may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible, and verify that they are accessible. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record. If you have any problems opening the documents or would like further information, please contact the Florida Department of Environmental Protection, Bureau of Air Regulation at (850)488-0114.

Barbara Friday

Bureau of Air Regulation

Division of Air Resource Management (DARM)

(850)921-9524

11/14/2008

## Friday, Barbara

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**From:** Belden, Roy S (GE Comm Fin) [roy.belden@ge.com]  
**To:** undisclosed-recipients  
**Sent:** Friday, November 14, 2008 9:15 AM  
**Subject:** Read: SHADY HILLS GENERATING STATION; 1010373-010-AV

Your message

To: roy.belden@ge.com  
Subject:

was read on 11/14/2008 9:15 AM.

## Friday, Barbara

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**From:** Belden, Roy S (GE Comm Fin) [roy.belden@ge.com]  
**Sent:** Friday, November 14, 2008 9:18 AM  
**To:** Friday, Barbara  
**Cc:** sosbourn@golder.com; Zhang-Torres; Forney.Kathleen@epamail.epa.gov; Gibson, Victoria; Arif, Syed; Holtom, Jonathan  
**Subject:** RE: SHADY HILLS GENERATING STATION; 1010373-010-AV

Dear Ms. Friday,

Thank you for your e-mail. Shady Hills Power Company has received the permit project documents, and has been able to access them. Regards, Roy Belden

Roy S. Belden  
Shady Hills Power Company, LLC  
c/o GE Energy Financial Services  
120 Long Ridge Road  
Stamford, CT 06927  
203-357-6820  
roy.belden@ge.com <mailto:roy.belden@ge.com>

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**From:** Friday, Barbara [mailto:Barbara.Friday@dep.state.fl.us]  
**Sent:** Friday, November 14, 2008 9:14 AM  
**To:** Belden, Roy S (GE Comm Fin)  
**Cc:** sosbourn@golder.com; Zhang-Torres; Forney.Kathleen@epamail.epa.gov; Gibson, Victoria; Arif, Syed; Holtom, Jonathan  
**Subject:** SHADY HILLS GENERATING STATION; 1010373-010-AV

Click on the link to the documents displayed below and send a "reply" message verifying receipt of the document(s) provided in this email; this may be done by selecting "Reply" on the menu bar of your e-mail software, noting that you can view the documents, and then selecting "Send". We must receive verification that you are able to access the documents. Your reply will preclude subsequent e-mail transmissions to verify receipt of the documents).

Click on the following link to access the permit project documents:  
[http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf\\_permit\\_zip\\_files/1010373.010.AV.P\\_pdf.zip](http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/1010373.010.AV.P_pdf.zip)

This is the official notification of the Proposed Permit Revision and its associated documents for the following project:

Attention: Syed Arif

Owner/Company Name: SHADY HILLS POWER COMPANY, L.L.C.  
Facility Name: SHADY HILLS GENERATING STATION  
Project Number: 1010373-010-AV  
Permit Status: PROPOSED  
Permit Activity: PERMIT REVISION  
Facility County: PASCO

The Bureau of Air Regulation is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Access these documents by clicking on the link provided above, or search for other project documents using the "Air Permit Documents Search" website at  
<<http://www.dep.state.fl.us/air/eproducts/apds/default.asp>  
<<http://www.dep.state.fl.us/air/eproducts/apds/default.asp>> > .

Permit project documents are addressed in this email may require immediate action within a

specified time frame. Please open and review the document(s) as soon as possible, and verify that they are accessible. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record. If you have any problems opening the documents or would like further information, please contact the Florida Department of Environmental Protection, Bureau of Air Regulation at (850)488-0114.

Barbara Friday

Bureau of Air Regulation

Division of Air Resource Management (DARM)

(850)921-9524

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Michael W. Sole is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on this link to the DEP Customer Survey <<http://survey.dep.state.fl.us/?refemail=Barbara.Friday@dep.state.fl.us>> . Thank you in advance for completing the survey.

## Friday, Barbara

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**From:** Mail Delivery System [MAILER-DAEMON@sophos.golder.com]  
**Sent:** Friday, November 14, 2008 9:15 AM  
**To:** Friday, Barbara  
**Subject:** Successful Mail Delivery Report

**Attachments:** Delivery report; Message Headers



Delivery report.txt  
(476 B)



Message  
Headers.txt (2 KB)

This is the mail system at host sophos.golder.com.

Your message was successfully delivered to the destination(s) listed below. If the message was delivered to mailbox you will receive no further notifications. Otherwise you may still receive notifications of mail delivery errors from other systems.

The mail system

<sosbourn@golder.com>: delivery via 127.0.0.1[127.0.0.1]:10025: 250 OK, sent  
491D87F6\_31770\_123\_19 3AB831287BAC

## Friday, Barbara

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**From:** Osbourn, Scott [Scott\_Osbourn@golder.com]  
**To:** Friday, Barbara  
**Sent:** Friday, November 14, 2008 9:17 AM  
**Subject:** Read: SHADY HILLS GENERATING STATION; 1010373-010-AV

Your message

To: Scott\_Osbourn@golder.com  
Subject:

was read on 11/14/2008 9:17 AM.

## Friday, Barbara

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**From:** Gibson, Victoria  
**Sent:** Friday, November 14, 2008 9:13 AM  
**To:** Friday, Barbara  
**Subject:** Out of Office AutoReply: SHADY HILLS GENERATING STATION; 1010373-010-AV

I will be out off the office from 11/14 through and including 11/24. Please expect my replies sometime on 11/25.

Vickie

**Friday, Barbara**

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**From:** Gibson, Victoria  
**To:** Friday, Barbara  
**Sent:** Tuesday, November 25, 2008 3:37 PM  
**Subject:** Read: SHADY HILLS GENERATING STATION; 1010373-010-AV

Your message

**To:** 'roy.belden@ge.com'  
**Cc:** 'sosbourn@golder.com'; Zhang-Torres; 'Forney.Kathleen@epamail.epa.gov'; Gibson, Victoria; Arif, Syed; Holtom, Jonathan  
**Subject:** SHADY HILLS GENERATING STATION; 1010373-010-AV  
**Sent:** 11/14/2008 9:14 AM

was read on 11/25/2008 3:37 PM.



## Friday, Barbara

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**From:** System Administrator  
**To:** Arif, Syed  
**Sent:** Friday, November 14, 2008 9:14 AM  
**Subject:** Delivered:SHADY HILLS GENERATING STATION; 1010373-010-AV

Your message

**To:** 'roy.belden@ge.com'  
**Cc:** 'sosbourn@golder.com'; Zhang-Torres; 'Forney.Kathleen@epamail.epa.gov'; Gibson, Victoria; Arif, Syed; Holtom, Jonathan  
**Subject:** SHADY HILLS GENERATING STATION; 1010373-010-AV  
**Sent:** 11/14/2008 9:14 AM

was delivered to the following recipient(s):

Arif, Syed on 11/14/2008 9:13 AM

## Friday, Barbara

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**From:** System Administrator  
**To:** Holtom, Jonathan  
**Sent:** Friday, November 14, 2008 9:14 AM  
**Subject:** Delivered:SHADY HILLS GENERATING STATION; 1010373-010-AV

Your message

**To:** 'roy.belden@ge.com'  
**Cc:** 'sosbourn@golder.com'; Zhang-Torres; 'Forney.Kathleen@epamail.epa.gov'; Gibson, Victoria; Arif, Syed; Holtom, Jonathan  
**Subject:** SHADY HILLS GENERATING STATION; 1010373-010-AV  
**Sent:** 11/14/2008 9:14 AM

was delivered to the following recipient(s):

Holtom, Jonathan on 11/14/2008 9:14 AM

## Friday, Barbara

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**From:** Holtom, Jonathan  
**To:** Friday, Barbara  
**Sent:** Friday, November 14, 2008 12:55 PM  
**Subject:** Read: SHADY HILLS GENERATING STATION; 1010373-010-AV

### Your message

**To:** 'roy.belden@ge.com'  
**Cc:** 'sosbourn@golder.com'; Zhang-Torres; 'Forney.Kathleen@epamail.epa.gov'; Gibson, Victoria; Arif, Syed; Holtom, Jonathan  
**Subject:** SHADY HILLS GENERATING STATION; 1010373-010-AV  
**Sent:** 11/14/2008 9:14 AM

was read on 11/14/2008 12:55 PM.

## Friday, Barbara

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**From:** System Administrator  
**To:** Zhang-Torres; Gibson, Victoria  
**Sent:** Friday, November 14, 2008 9:14 AM  
**Subject:** Delivered:SHADY HILLS GENERATING STATION; 1010373-010-AV

### Your message

**To:** 'roy.belden@ge.com'  
**Cc:** 'sosbourn@golder.com'; Zhang-Torres; 'Forney.Kathleen@epamail.epa.gov'; Gibson, Victoria; Arif, Syed; Holtom, Jonathan  
**Subject:** SHADY HILLS GENERATING STATION; 1010373-010-AV  
**Sent:** 11/14/2008 9:14 AM

was delivered to the following recipient(s):

Zhang-Torres on 11/14/2008 9:13 AM  
Gibson, Victoria on 11/14/2008 9:13 AM

## Friday, Barbara

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**From:** Zhang-Torres  
**To:** Friday, Barbara  
**Sent:** Friday, November 14, 2008 10:38 AM  
**Subject:** Read: SHADY HILLS GENERATING STATION; 1010373-010-AV

Your message

**To:** 'roy.belden@ge.com'  
**Cc:** 'sosbourn@golder.com'; Zhang-Torres; 'Forney.Kathleen@epamail.epa.gov'; Gibson, Victoria; Arif, Syed; Holtom, Jonathan  
**Subject:** SHADY HILLS GENERATING STATION; 1010373-010-AV  
**Sent:** 11/14/2008 9:14 AM

was read on 11/14/2008 10:38 AM.

## Friday, Barbara

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**From:** Mail Delivery Subsystem [MAILER-DAEMON@ext-nj2ut-3.online-age.net]  
**Sent:** Friday, November 14, 2008 9:14 AM  
**To:** Friday, Barbara  
**Subject:** Return receipt

**Attachments:** ATT228972.txt; ATT228972.txt



ATT228972.txt (471 B)    ATT228972.txt (2 KB)

The original message was received at Fri, 14 Nov 2008 09:13:47  
-0500 from tlhexsprot2.floridadep.net [199.73.152.8]

----- The following addresses had successful delivery notifications -----  
<roy.belden@ge.com> (relayed to non-DSN-aware mailer)

----- Transcript of session follows ----- <roy.belden@ge.com>... relayed; expect no  
further notifications

## Friday, Barbara

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**From:** Mail Delivery System [MAILER-DAEMON@mseive01.rtp.epa.gov]  
**Sent:** Friday, November 14, 2008 9:14 AM  
**To:** Friday, Barbara  
**Subject:** Successful Mail Delivery Report

**Attachments:** Delivery report; Message Headers



Delivery report.txt  
(499 B)



Message  
Headers.txt (2 KB)

This is the mail system at host mseive01.rtp.epa.gov.

Your message was successfully delivered to the destination(s) listed below. If the message was delivered to mailbox you will receive no further notifications. Otherwise you may still receive notifications of mail delivery errors from other systems.

The mail system

<Forney.Kathleen@epamail.epa.gov>: delivery via 127.0.0.1[127.0.0.1]:10025: 250  
OK, sent 491D879B\_11827\_8270\_5 B0FD244318