



# Florida Department of Environmental Protection

Bob Martinez Center  
2600 Blirstone Road  
Tallahassee, Florida 32399-2400

Rick Scott  
Governor

Jennifer Carroll  
Lt. Governor

Herschel T. Vinyard Jr.  
Secretary

March 9, 2011

*Electronically Sent – Received Receipt Requested*

Roy.Belden@GE.com  
Mr. Roy S. Belden, Vice President  
Shady Hills Power Company, LLC  
120 Long Ridge Road  
Stamford, Connecticut 06927

Re: Request for Additional Information #2  
DEP File No. 1010373-011-AC (PSD-FL-402A)

Dear Mr. Belden:

The Department received your response to request for additional information for an Air Construction Permit on February 7, 2011. After review, it has been determined that the application is incomplete. In order to continue processing your application, the Department will need the additional information requested below. Should your response to any of the below items require new calculations, please submit the new calculations, assumptions, reference material and appropriate revised pages of the application form.

1. Class I Visibility impacts: The federal land manager is requesting that the Plume Visual Impact Analysis-Screening Level 2 submitted in Table 7-4 be revised and re submitted. The analysis should be for each wind direction sector individually and not be combined. According to the federal land manager, the cumulative frequency (cf), is determined and calculated over the entire day not on an individual six hour period basis. The cf would be determined to be the highest number for the four time periods of the 24 hour period. There would be one number for cf and not four numbers as is currently given on the spreadsheet. After determining this, then continue to follow the VISCREEN Level 2 Guidance. Additionally, there is the possibility that a PLUVUE analysis may be required if the revised Screening Level 2 analysis fails.

The Department will resume processing your application after receipt of the requested information. Rule 62-4.050(3), F.A.C., requires that all applications for a construction permit must be certified by a professional engineer registered in the State of Florida. This requirement also applies to responses to Department requests for additional information of an engineering nature. For any material changes to the application, please include a new certification statement by the authorized representative or responsible official. You are reminded that Rule 62-4.055(1), F.A.C. requires applicants to respond to requests for information within 90 days or provide a written request for an additional period of time to submit the information.

We appreciated the opportunity to discuss the project with your technical experts. We look forward to discussing our questions with you and your consultants in the near future. If you should have any questions, please contact Bobby Bull, P.E. at 850/717-9111 (permit) or Cleve Holladay (modeling) at 850/717-9089.

Mr. Roy Belden  
DEP File No. 1010373-011-AC (PSD-FL-402A)  
Page 2

Sincerely,



Robert L. Bull, Jr., P.E.  
New Source Review Section

cc: Scott Osbourn, P.E., Golder Associates, Inc. (sosbourn@golder.com)  
Cindy Zhang-Torres, P.E., DEP-SWD (Cindy.Zhang-Torres@dep.state.fl.us)  
Kathleen Forney, EPA Region 4 (forney.kathleen@epa.gov)  
Catherine Collins, Fish and Wildlife Service (catherine\_collins@fws.gov)  
Meredith Bond, Fish and Wildlife Service (meredith\_bond@fws.gov)  
Vickie Gibson, DEP-BAR (victoria.gibson@dep.state.fl.us) (for read file)

**Walker, Elizabeth (AIR)**

---

**From:** Walker, Elizabeth (AIR)  
**Sent:** Wednesday, March 09, 2011 1:09 PM  
**To:** roy.belden@ge.com  
**Cc:** sosbourn@golder.com; Zhang-Torres; Forney.Kathleen@epamail.epa.gov; catherine\_collins@fws.gov; meredith\_bond@fws.gov; Gibson, Victoria  
**Subject:** RAI: Shady Hills Power Company (DEP File No. 1010373-011-AC/PSD-FL-402A)  
**Attachments:** 1010373-011-AC.pdf

Dear Sir/Madam:

The Florida Department of Environmental Protection 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. The attached document may require immediate action within a specified time frame.

**Please open and review the document as soon as possible and send a "reply" message verifying receipt of the attached document.** 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 of receipt and your reply will preclude subsequent e-mail transmissions to verify receipt of the document.

Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record.

Thank you,

*Elizabeth Walker*  
Bureau of Air Regulation  
Division of Air Resource Management (DARM)  
(850)717-9093

The attached document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be downloaded for free at the following internet site: <<http://www.adobe.com/products/acrobat/readstep.html>> .

*The Department of Environmental Protection values your feedback as a customer. DEP Secretary Herschel T. Vinyard Jr. 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](#). Thank you in advance for completing the survey.*

**Walker, Elizabeth (AIR)**

---

**From:** Belden, Roy S (GE Capital) [roy.belden@ge.com]  
**Sent:** Wednesday, March 09, 2011 4:14 PM  
**To:** Walker, Elizabeth (AIR)  
**Cc:** sosbourn@golder.com; Zhang-Torres; Forney.Kathleen@epamail.epa.gov; catherine\_collins@fws.gov; meredith\_bond@fws.gov; Gibson, Victoria  
**Subject:** RE: Shady Hills Power Company (DEP File No. 1010373-011-AC/PSD-FL-402A)

Ms. Walker,

Thank you for your e-mail and the attached request for additional information letter. I am acknowledging receipt of the letter, and will coordinate with our consultant (Golder Associates) to provide a response within the requested time frame. Regards, Roy

**Roy S. Belden**

Vice President  
Shady Hills Power Company, LLC  
c/o GE Energy Financial Services  
800 Long Ridge Road  
Stamford, CT 06927

T: +1 203-357-6820  
M: +1 203-240-4321  
F: +1 203-961-5116  
[roy.belden@ge.com](mailto:roy.belden@ge.com)

---

**From:** Walker, Elizabeth (AIR) [<mailto:Elizabeth.Walker@dep.state.fl.us>]  
**Sent:** Wednesday, March 09, 2011 1:09 PM  
**To:** Belden, Roy S (GE Capital)  
**Cc:** [sosbourn@golder.com](mailto:sosbourn@golder.com); Zhang-Torres; [Forney.Kathleen@epamail.epa.gov](mailto:Forney.Kathleen@epamail.epa.gov); [catherine\\_collins@fws.gov](mailto:catherine_collins@fws.gov); [meredith\\_bond@fws.gov](mailto:meredith_bond@fws.gov); Gibson, Victoria  
**Subject:** RAI: Shady Hills Power Company (DEP File No. 1010373-011-AC/PSD-FL-402A)

Dear Sir/Madam:

The Florida Department of Environmental Protection 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. The attached document may require immediate action within a specified time frame.

**Please open and review the document as soon as possible and send a "reply" message verifying receipt of the attached document.** 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 of receipt and your reply will preclude subsequent e-mail transmissions to verify receipt of the document.

Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record.

Thank you,