

CALPINE

May 23, 2005

RECEIVED

MAY 27 2005

ISLAND CENTER
2701 N. ROCKY POINT
SUITE 1200
TAMPA, FLORIDA 33607
813.637.7300
813.637.7399 (FAX)

Mr. Robert Bull
Bureau of Air Regulation
Florida Department of Environmental Protection
111 South Magnolia Drive, Suite 4
Tallahassee, Florida 32301
(850) 488-0114

BUREAU OF AIR REGULATION

Re: PSD Modification Request
Auburndale Energy Campus
Permit Number: 1050221-009-AV
Federal Express Tracking Number: 7922 9245 7978

1050221-010-AC

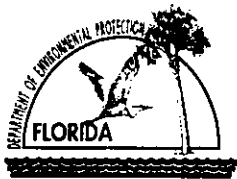
Per our conversations with you attached is a copy of the application to support the PSD modification request letter submitted on April 4, 2005. Thank you for your assistance in this permitting matter. If you have any questions or would like to discuss these comments, please feel free to contact myself or Benjamin M. H. Borsch (813) 637-7316 and (813) 637-7305, respectively.

Sincerely,

Calpine Corporation

Heidi M. Whidden
Environmental Specialist
Title IV-Agent

CC: Bob Callery; Auburndale Energy Complex
Benjamin M. H. Borsch; Calpine—Tampa



Department of Environmental Protection

Division of Air Resource Management

APPLICATION FOR AIR PERMIT - LONG FORM

I. APPLICATION INFORMATION

Air Construction Permit – Use this form to apply for an air construction permit for a proposed project:

- subject to prevention of significant deterioration (PSD) review, nonattainment area (NAA) new source review, or maximum achievable control technology (MACT) review; or
- where the applicant proposes to assume a restriction on the potential emissions of one or more pollutants to escape a federal program requirement such as PSD review, NAA new source review, Title V, or MACT; or
- at an existing federally enforceable state air operation permit (FESOP) or Title V permitted facility.

Air Operation Permit – Use this form to apply for:

- an initial federally enforceable state air operation permit (FESOP); or
- an initial/revised/renewal Title V air operation permit.

Air Construction Permit & Revised/Renewal Title V Air Operation Permit (Concurrent Processing Option)

– Use this form to apply for both an air construction permit and a revised or renewal Title V air operation permit incorporating the proposed project.

To ensure accuracy, please see form instructions.

Identification of Facility

1. Facility Owner/Company Name: Auburndale Power Partners, L.P. (APP); Auburndale Peaker Energy Center, LLC (APEC); and Calpine Construction Finance Company (OEC)	
2. Site Name: Auburndale Power Plant (APP); Auburndale Peaker Energy Center (APEC); and Osprey Energy Center (OEC)—Collectively known, for Title V purposes, as the Auburndale Energy Complex	
3. Facility Identification Number: 1050221 (APP, APEC) and 1050334 (OEC)	
4. Facility Location... Street Address or Other Locator: 1651 West Derby Avenue City: Auburndale County: Polk Zip Code: 33823	
5. Relocatable Facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. Existing Title V Permitted Facility? <input checked="" type="checkbox"/> Yes (APP, APEC) <input checked="" type="checkbox"/> No (OEC)

Application Contact

1. Application Contact Name: Heidi M. Whidden	
2. Application Contact Mailing Address... Organization/Firm: Calpine Corporation Street Address: 2701 North Rocky Point Drive; Suite 1200 City: Tampa State: Florida Zip Code: 33607	
3. Application Contact Telephone Numbers... Telephone: (813)637-7316 ext. Fax: (813)637-7399	
4. Application Contact Email Address: hwhidden@calpine.com	

APPLICATION INFORMATION

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	5-27-05
2. Project Number(s):	1050221-010-AC
3. PSD Number (if applicable):	
4. Siting Number (if applicable):	

APPLICATION INFORMATION

Purpose of Application

This application for air permit is submitted to obtain: (Check one)

Air Construction Permit

☐ Air construction permit.

Air Operation Permit

☐ Initial Title V air operation permit.

☐ Title V air operation permit revision.

☐ Title V air operation permit renewal.

☐ Initial federally enforceable state air operation permit (FESOP) where professional engineer (PE) certification is required.

☐ Initial federally enforceable state air operation permit (FESOP) where professional engineer (PE) certification is not required.

Air Construction Permit and Revised/Renewal Title V Air Operation Permit (Concurrent Processing)

☒ Air construction permit (modification) and Title V permit revision, incorporating the proposed project.

☐ Air construction permit and Title V permit renewal, incorporating the proposed project.

Note: By checking one of the above two boxes, you, the applicant, are requesting concurrent processing pursuant to Rule 62-213.405, F.A.C. In such case, you must also check the following box:

☒ I hereby request that the department waive the processing time requirements of the air construction permit to accommodate the processing time frames of the Title V air operation permit.

Application Comment :

Requested modifications are specified in the attached letter.

APPLICATION INFORMATION

Scope of Application

Emissions Unit ID Number	Description of Emissions Unit	Air Permit Type	Air Permit Proc. Fee
APP/APEC EU-001	Combined Cycle Combustion Turbine (APP)	PSD	
APP/APEC EU-002	Fuel Oil Storage Tanks (2) (APP)	PSD	
APP/APEC EU-003	Emergency Generators (APP)	PSD	
APP/APEC EU-004	Heating Units and Engines (APP)	PSD	
APP/APEC EU-005	Surface Coating Operations (APP)	PSD	
APP/APEC EU-006	Simple Cycle Combustion Trubines (APEC)	PSD	
OEC EU-001	One nominal 170 MW Gas Combustion Turbine-Electrical Generator	PSD	
OEC EU-002	One nominal 170 MW Gas Combustion Turbine-Electrical Generator	PSD	
OEC EU-003	One 250 MMBtu/hr Ductburner configured as a Supplementally Fired Heat Recover Steam Generator	PSD	
OEC EU-004	One 250 MMBtu/hr Ductburner configured as a Supplementally Fired Heat Recover Steam Generator	PSD	
OEC EU-005	Cooling Tower	PSD	
OEC XXX	Emergency Generator and Diesel Fire Pump	PSD	

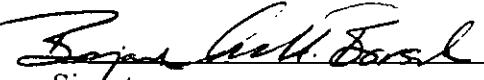
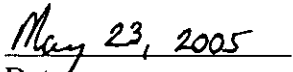
Application Processing Fee

Check one: ☐ Attached - Amount: \$ _____ ☒ Not Applicable


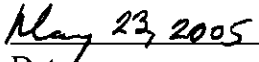
APPLICATION INFORMATION

Owner/Authorized Representative Statement

Complete if applying for an air construction permit or an initial FESOP.

1. Owner/Authorized Representative Name : Benjamin M. H. Borsch
2. Owner/Authorized Representative Mailing Address... Organization/Firm: Calpine Corporation Street Address: 2701 North Rocky Point Drive; Suite 1200 City: Tampa State: Florida Zip Code: 33607
3. Owner/Authorized Representative Telephone Numbers... Telephone: (813)637-7305 ext. Fax: (813)637-7399
4. Owner/Authorized Representative Email Address: bborsch@calpine.com
5. Owner/Authorized Representative Statement: <i>I, the undersigned, am the owner or authorized representative of the facility addressed in this air permit application. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof and all other requirements identified in this application to which the facility is subject. I understand that a permit, if granted by the department, cannot be transferred without authorization from the department, and I will promptly notify the department upon sale or legal transfer of the facility or any permitted emissions unit.</i>  Signature  Date

APPLICATION INFORMATION

1. Professional Engineer Name: Registration Number: 43875
2. Professional Engineer Mailing Address... Organization/Firm: Calpine Corporation Street Address: 2701 North Rocky Point Drive; Suite 1200 City: Tampa State: Florida Zip Code: 33607
3. Professional Engineer Telephone Numbers... Telephone: (813)637-7305 ext. Fax: (813)637-7399
4. Professional Engineer Email Address: bborsch@calpine.com
5. Professional Engineer Statement: <i>I, the undersigned, hereby certify, except as particularly noted herein*, that:</i> <i>(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this application for air permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and</i> <i>(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.</i> <div style="display: flex; justify-content: space-between;"><div style="text-align: center;"> Signature</div><div style="text-align: center;"> Date</div></div> 