

Competitive
Power
Ventures, L.P.

RECEIVED

SEP 11 2000

BUREAU OF AIR REGULATION

September 7, 2000

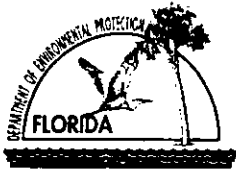
Cathy Sellers
Law Offices of Moyle, Flanigan et al.
The Perkins House
118 North Gadsden St.
Tallahassee, FL 32301

Dear Cathy:

Enclosed please find check #112 payable to the Florida Department of Environmental Protection, per Sean Finnerty's request.

Sincerely,

Julia M. Scott, CPA
Controller



Department of Environmental Protection

Division of Air Resources Management

APPLICATION FOR AIR PERMIT - TITLE V SOURCE

See Instructions for Form No. 62-210.900(1)

I. APPLICATION INFORMATION

Identification of Facility

1. Facility Owner/Company Name: CPV Gulfcoast, Ltd.	
2. Site Name: CPV Gulfcoast	
3. Facility Identification Number: [X] Unknown	
4. Facility Location: Street Address or Other Locator: City: County: Manatee Zip Code:	
5. Relocatable Facility? [] Yes [X] No	6. Existing Permitted Facility? [] Yes [X] No

Application Contact

1. Name and Title of Application Contact: Sean Finnerty, Director of Development	
2. Application Contact Mailing Address: Organization/Firm: CPV Gulfcoast, Ltd. Street Address: 45 Bristol Road, Suite 101 City: Easton State: MA Zip Code: 02375	
3. Application Contact Telephone Numbers: Telephone: (508) 238 - 0194 Fax: (508) 238 - 2844	

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	
2. Permit Number:	
3. PSD Number (if applicable):	
4. Siting Number (if applicable):	

2.0 PROJECT DESCRIPTION

CPV Gulfcoast, Ltd. proposes to construct a generation facility in Manatee County using state-of-the-art combined-cycle power generation technology and air pollution control systems. The major components of the Project include a new combustion turbine generator, a heat recovery steam generator (HRSG), and state-of-the-art air pollution controls. Natural gas will be used as the primary source of fuel. To enhance overall reliability, the system will also be capable of burning very low sulfur content distillate as backup fuel for up to an equivalent of 30 days at full load each year.

2.1 Site Description

The CPV Gulfcoast power generation facility will be located in Manatee County, Florida. CPV Gulfcoast, Ltd. identified a tract of land approximately 120 acres in size located near Piney Point for the development of a power plant facility. The project is bounded on the west side undeveloped land, by Buckeye Road to the north, Bud Rhoden Road to the east, and Chapman Road to the south. Figure 2-1 shows the site location.

2.2 Equipment Description

To maximize efficiency and energy conservation, the Project facilities will include both gas and steam cycles. In the gas cycle, the new combustion turbine will fire natural gas as its primary fuel to produce approximately 170 megawatts (MW). The steam cycle will consist of a new HRSG and steam turbine generator. This cycle provides exceptional efficiency by employing the HRSG to recover otherwise lost heat from the gas turbine exhaust and using it to create steam and drive the steam turbine generator to produce an additional 74.9 MW. The steam that exhausts the steam turbine generator is cooled and condensed for re-use in the steam cycle. The combined-cycle technology achieves an operational efficiency on a unit of energy output per unit of energy input basis greater than operational efficiency for older plants.

A description of each major Project component is provided below.

Owner/Authorized Representative or Responsible Official

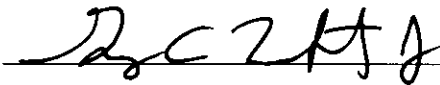
1. Name and Title of Owner/Authorized Representative or Responsible Official: Gary Lambert, Executive Vice President
2. Owner/Authorized Representative or Responsible Official Mailing Address: Organization/Firm: CPV Gulfcoast, Ltd. Street Address: 45 Bristol Road, Suite 101 City: Easton State: MA Zip Code: 02375
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: (508) 238 - 0194 Fax: (508) 238 - 2844
4. Owner/Authorized Representative or Responsible Official Statement: <i>I, the undersigned, am the owner or authorized representative*(check here [], if so) or the responsible official (check here [], if so) of the Title V source addressed in this application, whichever is applicable. 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. 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 any permitted emissions unit.</i> _____ Signature Date

* Attach letter of authorization if not currently on file.

RECEIVED

SEP 11 2000

BUREAU OF AIR REGULATION
Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official: Gary Lambert, Executive Vice President
2. Owner/Authorized Representative or Responsible Official Mailing Address: Organization/Firm: CPV Gulfcoast, Ltd. Street Address: 45 Bristol Road, Suite 101 City: Easton State: MA Zip Code: 02375
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: (508) 238 - 0194 Fax: (508) 238 - 2844
4. Owner/Authorized Representative or Responsible Official Statement: <i>I, the undersigned, am the owner or authorized representative* (check here [], if so) or the responsible official (check here [], if so) of the Title V source addressed in this application, whichever is applicable. 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. 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 any permitted emissions unit.</i> Signature: <u></u> Date: <u>SEPT 8, 2000</u>

* Attach letter of authorization if not currently on file.

RECEIVED

Professional Engineer Certification

1. Professional Engineer Name: SCOTT GREGORY SUMNER Registration Number: 44352	SEP 11 2000
2. Professional Engineer Mailing Address: Organization/Firm: TRC Street Address: 21 TECHNOLOGY DRIVE City: IRVINE State: CA Zip Code: 92618	BUREAU OF AIR REGULATION
3. Professional Engineer Telephone Numbers: Telephone: (949) 727 - 9336 Fax: (949) 727 - 7399	

RECEIVED

SEP 11 2000

BUREAU OF AIR REGULATION

4. Professional Engineer Statement:

I, the undersigned, hereby certify, except as particularly noted herein*, that:

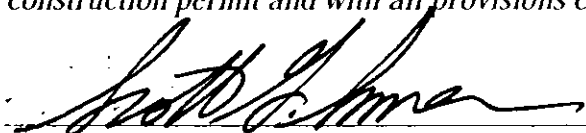
(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and

(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.

If the purpose of this application is to obtain a Title V source air operation permit (check here [] , if so), I further certify that each emissions unit described in this Application for Air Permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance schedule is submitted with this application.

If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here [] , if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.

If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [] , if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.



Signature

SEPTEMBER 11, 2000

Date

(seal)

* Attach any exception to certification statement.

RECEIVED

SEP 11 2000

BUREAU OF AIR REGULATION

4. Professional Engineer Statement:

I, the undersigned, hereby certify, except as particularly noted herein,

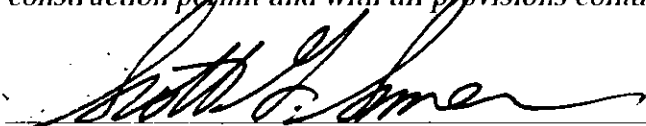
(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and

(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.

If the purpose of this application is to obtain a Title V source air operation permit (check here [] , if so), I further certify that each emissions unit described in this Application for Air Permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance schedule is submitted with this application.

If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here [] , if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.

If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [] , if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.



Signature

SEPTEMBER 11, 2000

Date

(seal)

* Attach any exception to certification statement.

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Location and Type

1. Facility UTM Coordinates: Zone: 17 East (km): 348.5 North (km): 3057.0			
2. Facility Latitude/Longitude: Latitude (DD/MM/SS): Longitude (DD/MM/SS):			
3. Governmental Facility Code: 0	4. Facility Status Code: C	5. Facility Major Group SIC Code: 49	6. Facility SIC(s): 4911
7. Facility Comment (limit to 500 characters): <p>CPV Gulfcoast, Ltd. will install a single, efficient gas turbine with heat recovery steam generator (HRSG). The gas turbine will provide approximately 170 MW of electrical power. The HRSG recovers otherwise lost heat from the gas turbine exhaust and provides steam energy to drive a steam turbine with an operationally controlled generating capacity of 74.9 MW.</p> <p>The new power generation equipment will be designed to meet federal Best Available Control Technology (BACT) standards, as appropriate for emissions control. The combustion turbine and HRSG will be built on a 10-acre portion of the Manatee County property. The new power generation facility includes a 150-foot stack. The steam turbine will be enclosed in its own building, approximately 100 feet in height.</p>			

Facility Contact

1. Name and Title of Facility Contact: Sean Finnerty, Development Director		
2. Facility Contact Mailing Address: Organization/Firm: CPV Gulfcoast, Ltd. Street Address: 45 Bristol Road, Suite 101 City: Easton State: MA Zip Code: 02375		
3. Facility Contact Telephone Numbers: Telephone: (508) 238 - 0194 Fax: (508) 238 - 2844		

Facility Regulatory Classifications

Check all that apply:

1. <input type="checkbox"/> Small Business Stationary Source?	<input type="checkbox"/> Unknown
2. <input checked="" type="checkbox"/> Major Source of Pollutants Other than Hazardous Air Pollutants (HAPs)?	
3. <input type="checkbox"/> Synthetic Minor Source of Pollutants Other than HAPs?	
4. <input type="checkbox"/> Major Source of Hazardous Air Pollutants (HAPs)?	
5. <input type="checkbox"/> Synthetic Minor Source of HAPs?	
6. <input checked="" type="checkbox"/> One or More Emissions Units Subject to NSPS?	
7. <input type="checkbox"/> One or More Emission Units Subject to NESHAP?	
8. <input type="checkbox"/> Title V Source by EPA Designation?	
8. Facility Regulatory Classifications Comment (limit to 200 characters): Combustion turbine subject to 40 CFR Part 60 Subpart GG.	

List of Applicable Regulations

Not Applicable	

INTEROFFICE MEMORANDUM

Date: 11-Sep-2000 02:33pm
From: Joseph Kahn TAL
KAHN_J
Dept: Air Resources Management
Tel No: 850/921-9519

Subject: FWD: CPV Gulfcoast Application for Air Permit

Here is the e-mail submittal that includes the application, supporting information and modeling files, for the CPV Gulfcoast PSD permit application. The e-mail addresses for forwarding to the appropriate parties are:
Manatee County Air Quality Division: marion.forthoffer@co.manatee.fl.us
National Park Service/Fish and Wildlife Service: John_Bunyak@nps.gov
EPA Region 4: worley.gregg@epa.gov
Thanks.

INTEROFFICE MEMORANDUM

Date: 11-Sep-2000 01:43am
From: Labrie, Laurence
LLabrie@TRCSOLUTIONS.com
Dept:
Tel No:

Subject: CPV Gulfcoast Application for Air Permit

As we discussed in our last meeting, the attached document contains the regulatory forms and technical information required to secure approval for a new electric power generation facility proposed by CPV Gulfcoast, Ltd. with a net electrical output of 250 megawatts.

Also attached is a ZIP file containing air quality modeling input and output files.

Cathy Sellers from Moyle Flanigan will be delivering the original forms signed by the applicant and Professional Engineer and a check for the application fee. If you have any questions, please contact me.

<<CPVGulfcoastAirApp.pdf>> <<CPVGulfcoastModelingFiles.zip>>

Larry Labrie
Certified Consulting Meteorologist
TRC Environmental Corporation
Boott Mills South, Foot of John Street
Lowell, MA 01852
Voice: (978) 656-3644
FAX: (978) 453-1995
e-mail: llabrie@trcsolutions.com

Name	Size	Modified	Comment
Class1Impacts.zip	233,637	9/11/2000 1:06 AM	
CTCoolingTowerPMImpacts.zip	56,428	9/11/2000 1:10 AM	
CTGasFiringImpacts.zip	61,476	9/11/2000 1:07 AM	
CTOilFiringImpacts.zip	59,607	9/11/2000 1:08 AM	

RFC-822-headers:

Delivery-receipt-to: LLabrie@TRCSOLUTIONS.com

Received: from epic50.dep.state.fl.us ([199.73.169.50])

by mail.epic1.dep.state.fl.us (PMDF V5.2-33 #37976)

with ESMTP id <01JU11UJEG3O000LN1@mail.epic1.dep.state.fl.us> for

KAHN_J@a1.epic1.dep.state.fl.us (ORCPT rfc822;joseph.kahn@dep.state.fl.us)

; Mon, 11 Sep 2000 01:24:57 EDT

Received: from trc-mail1.trcsolutions.com ([12.3.196.172])

by mail.epic50.dep.state.fl.us (PMDF V5.2-32 #31508)

with ESMTP id <01JU11SWJS66008MZM@mail.epic50.dep.state.fl.us> for

KAHN_J@a1.epic1.dep.state.fl.us (ORCPT rfc822;joseph.kahn@dep.state.fl.us)

; Mon, 11 Sep 2000 01:24:03 -0400 (EDT)

Received: by TRC-MAIL1 with Internet Mail Service (5.5.2650.21)

id <R7GMXB3D>; Mon, 11 Sep 2000 01:23:13 -0400

X-Mailer: Internet Mail Service (5.5.2650.21)