

**Scearce, Lynn**

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**From:** EPSAP@dbprod.dep.state.fl.us  
**Sent:** Monday, April 09, 2012 11:58 AM  
**To:** Koerner, Jeff; Green, Justin B.; Linero, Alvaro; Holtom, Jonathan; Arif, Syed; Scearce, Lynn; Friday, Barbara  
**Subject:** A new application was submitted in EPSAP on FDEP

A new Long Form application was submitted in EPSAP for the following facility:

Application Number: 3211-1  
Facility ID: 0610096  
Facility Name: INEOS NEW PLANET BIOENERGY Site Name: INDIAN RIVER BIOENERGY CENTER  
County: Indian River  
Facility Office: FDEP Division of Air Resource Management

Application Purpose: Air construction permit.

Application Comment: INPB would like to make the following changes to the project: 1)Replacement of the 84.5-MMBtu/hr burner in the Vent Gas Boiler with a larger capacity 97.2-MMBut/hr burner. There would be no other physical changes to the Boiler, Stack, or associated equipment. 2)Replacement of the 1989 model year 500 kW Caterpillar Model No. 3412 emergency standby diesel engine generator (retained from the former Ocean Spray Facility on the site) with a smaller 2009 model year 400 kW Kohler Model No. 400REZX emergency standby natural-gas-fired engine generator. This application includes requests for more restrictive Vent Gas Boiler emissions limits for nitrogen oxides (NOx), and for hydrogen chloride (HCl), and for an annual capacity restriction (in the form of a steam production limit) on the Vent Gas Boiler. 3)Update to the Materials Handling Best Management Practices Plan to include Materials Separation Plan requirements of 40 CFR 60 Subpart AAAA.

Uploaded Electronic Attachments? Yes  
Sending Hard-copy Attachments? No

Emissions Units included in the Scope of Application:  
EU 6: ACM2  
New EU: ACM2

Professional Engineer: JOSEPH CURRO, 772-231-4301, [currojp@cdmsmith.com](mailto:currojp@cdmsmith.com)

Owner/Authorized Representative: DAVID KING, 281-535-4305, [david.king@ineos.com](mailto:david.king@ineos.com)

At your earliest convenience, please log-in to the EPSAP application located at [http://appprod.dep.state.fl.us/epsap\\_eng/default.asp](http://appprod.dep.state.fl.us/epsap_eng/default.asp) to begin the application review process.



Transmittal Sheet

Transmittal Number: **73581**      Collection Point: **3755**  
 Total: **\$7,750.00**  
 Number of Items: **2**  
 Date Created: **17-Apr-2012**  
 Deposit/VerifiedDate:

**FRIDAY\_B**      **FRIDAY\_B**  
 Lister      Witness      Received By Accounting & Budgeting

**DEPOSITED**

Remittance Number	Received Date	PNR/ DEP DDN	Receipt Number	Check Number	Name	Remittance Amount	Payment Number	Payment Amount	Reference Account
977153	16-APR-2012		776820	10000747	INEOS NEW PLANT BIOENERGY LLC	250.00	1144160	250.00	
977154	16-APR-2012		776821	1149	U.S. ECOGEN, LLC	7,500.00	1144161	7,500.00	

**Total To Be Deposited:** \$7,750.00

**NOT DEPOSITED**

Remittance Number	Received Date	PNR/ DEP DDN	Receipt Number	Check Number	Name	Remittance Amount	Payment Number	Payment Amount	Reference Account
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**Total Not Deposited:** \$0.00

## Electronic Permit Submittal and Processing System (EPSAP) Professional Engineer Signature Document

"This document is signed and sealed to secure the data in this permit application and any attached files that were submitted electronically as described in Florida Department of Business and Professional Regulation, Board of Professional Engineers, Procedures for Signing and Sealing Electronically Transmitted Plan, Specifications, Reports or other Documents, Rule 61G15-23.003., F.A.C.."

**EPSAP Application Number:** 3211-1  
**Facility Identification Number:** 0610096  
**Facility Owner/Company Name:** INEOS NEW PLANET BIOENERGY

RECEIVED

APR 11 2012

DIVISION OF AIR  
RESOURCE MANAGEMENT

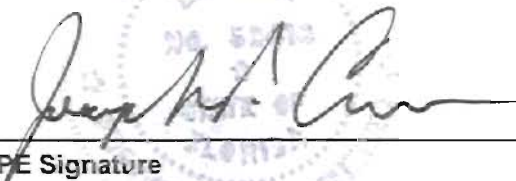
**Purpose of Application:**  
Air construction permit.

**Signature File Created:** 4/6/2012 2:49:57 PM

File Description	Authentication Code
Submitted Application Data	21D25464E126CD5D583A62A092E85003273B4BC3
Uploaded Facility Documents:	
jl13632_Attachment_3_Calculation_Worksheets.pdf	2F18F83C1DD744603D7E30FCBC1C96FA01AB7C0E
jl13632_Attachment_4_GHG_Estimates.pdf	2E3FF1CF272009299464E426709B2FD0F6687543
jl13632_Attachment_5_Vendor_Information.pdf	74B599F8168D7BB4E62C6B291D3BB2A9C2D68840
jl13632_Attachment_6_Generator_Specs.pdf	EC4E179030A1C121BB0B3F2558A5E0F1CB151EE1
jl13632_Attachment_7_BMPs.pdf	A1A2C0D05E84F051BD16A986DAE8AD79E33FAE65
jl13632_Attachment_2_PFD.pdf	E44CA6930E8DE6ED5F2E80990FD9CA49C69D8472
jl13632_Attachment_1_Mod_Description.pdf	328DD5813092A531092F3F3AC9A45313DEB6ACF1
This Application Has No Uploaded Emissions Unit Documents.	
<b>Final Signature File</b>	<b>0A462B772F725D76571413D6AB0807715420ADDD</b>

**Professional Engineer (PE):** JOSEPH CURRO License No: 58416

*(sign and affix PE seal below)*



PE Signature

4/6/2012

Date

EPSAD

David - Module 45073

Permitting Application - Permit Detail and Log Permit

ARMS Facility

POINT: AIRS ID 0610096 STATUS C OFFICE CO Cen: ORLAHDO

SITE NAME IHPB IRC FACILITY COUNTY INDIAN RIVER

OWNER/COMPANY IHEOS NEW PLANET BIOENERGY

**Project**

AIR Permit # Project # 003 CRA Reference #

Permit Office TAL (HEADQUARTERS) Agency Action Pending OGC

Project Name REPLACE BURNER Desc Replacement of the 84.5-MMBtu/hr burner in the Vent Gas Boiler with

Type/Sub/Des AC / M1 Minor Modification Logged 04/10/2012

Received 04/09/2012 Issued Expires Application Action MODIFICATION

Fee 250.00 Fee Recd Dele Override NONE

**Related Party**

Role APPLICANT Begin 04/10/2012 End

Name KING, DAVID Company IHEOS NEW PLANET BIOENERGY

Address 925 74TH AVE.

City VERA BEACH State FL Zip 32968 Country U.S.A.

Phone 201-535-4305 Fax 201-535-4414

**Processors**

Processor READ\_D Active 04/10/2012 Inactive Events