

Indiantown Cogeneration, L.P.

Indiantown Cogeneration, L.P.
P.O. Box 1799
13303 SW Silver Fox Lane
Indiantown, FL 34956

April 29th, 2008

772.597.6500
Fax: 772.597.6210

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

RECEIVED

APR 30 2008

Via Federal Express

Subject: **DEP File No, 0850102-011 -AV
Indiantown Cogeneration Plant**

BUREAU OF AIR REGULATION

Dear Mr. Cascio:

Project No - : 0850102-017-AC/0850102-018-AV

Attached is an application for revisions to the Air Construction Permit & Title V Air Operation Permit for Indiantown Cogeneration.

Specifically, our June 4, 2007 comment letter on the prior operating permit revision stated:

Section III, EU-007, Condition F.7. pg 44 states "Hours of Operation. The combined operation of the auxiliary boilers shall not exceed 5,000 hours during any consecutive 12-month period." Our original October 2005 construction permit application stated "Each boiler will be operated for a maximum of 5,000 hours per year." We neglected to comment on this matter when the November 2005 draft permit was issued; we would like to take this opportunity to correct the operating hours to indicate 5,000 hours per year per boiler. Condition F.11. properly shows tons per year calculations based on allowable hours of 5,000 hours per year per boiler, so no new analysis of emissions is required.

And the Department's response in the Proposed Permit Determination Stated:

Although we understand that the requested change may correct an error in an earlier air construction permit, the change to operating hour limits for the auxiliary boilers must be made in an air construction permit. Therefore, no change will be made to the Title V permit revision.

This application for a revised air construction permit seeks to correct the operating hours limitation for the auxiliary boilers.

Also, the Department's response in the Proposed Permit Determination Stated:

New or modified NSPS requirements must first be adopted by the Department before they can be added to a facility's Title V permit.

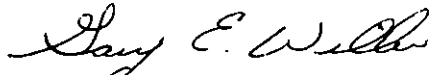
The Department has now adopted revisions to NSPS 40 CFR 60 Subpart Da; this application seeks to incorporate the revisions into the Title V permit for Indiantown Cogeneration.

Finally, this application incorporates the Hg Budget Part and Clean Air Interstate Rule (CAIR) Part forms submitted to the Department independently on April 7, 2008.

Page 2

Please contact Nick Laryea at 772-597-6500 extension 19 with any questions or comments.

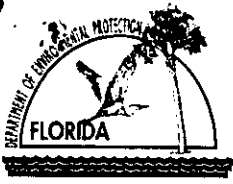
Sincerely,

A handwritten signature in cursive script, appearing to read "Gary E. Willer".

Gary Willer

General Manager

cc: Lee C. Hoefert-DEP South East District
AJ Jablonowski-Epsilon Associates
George Lipka, PE
Lauren Billheimer,-Cogentrix Energy
Nick Laryea,- ICLP
File # 2.1.2



Department of Environmental Protection

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APR 30 2008

Division of Air Resource Management

APPLICATION FOR AIR PERMIT - LONG FORM

BUREAU OF AIR REGULATION

I. APPLICATION INFORMATION

Air Construction Permit – Use this form to apply for any air construction permit at a facility operating under a federally enforceable state air operation permit (FESOP) or Title V air permit. Also 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
- Where the applicant proposes to establish, revise, or renew a plantwide applicability limit (PAL).

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 & 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: Indiantown Cogeneration, L.P.	
2. Site Name: Indiantown Cogeneration Plant	
3. Facility Identification Number: 0850102	
4. Facility Location... Street Address or Other Locator: 13303 SW Silver Fox Lane City: Indiantown County: Martin Zip Code: 34956	
5. Relocatable Facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. Existing Title V Permitted Facility? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Application Contact

1. Application Contact Name: Nicholas Laryea	
2. Application Contact Mailing Address... Organization/Firm: Indiantown Cogeneration, L.P. Street Address: P.O. Box 1799 City: Indiantown State: FL Zip Code: 34956	
3. Application Contact Telephone Numbers... Telephone: (772) 597-6500 ext. Fax: (772) 597-6210	
4. Application Contact Email Address: NicholasLaryea@cogentrix.com	

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	3. PSD Number (if applicable):
2. Project Number(s): 0850102-017-AC 0850102-018-AV	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 construction permit to establish, revise, or renew a plantwide applicability limit (PAL).
- Air construction permit to establish, revise, or renew a plantwide applicability limit (PAL), and separate air construction permit to authorize construction or modification of one or more emissions units covered by the PAL.

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 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

This application revises the Facility's existing Title V permit (0850102-013-AV) as noted below (following the format verbally requested by FLDEP on 2/21/2008):

1. The operation of emission unit 007 (two auxiliary boilers) will be restricted to 5,000 hours per year per boiler (rather than 5,000 hour per year for both boilers combined) as previously discussed with FLDEP in June 2007. Details are provided in Section III and Appendix A of this application.
2. Emission unit 001 (pulverized coal-fired main boiler) will incorporate the 2007 Florida adoption of revisions to 40 CFR 60 Subpart Da. These modifications are detailed in Appendix B to this application.
3. The application incorporates the Hg Budget Part and Clean Air Interstate Rule Part forms.

APPLICATION INFORMATION

Scope of Application

Emissions Unit ID Number	Description of Emissions Unit	Air Permit Type	Air Permit Proc. Fee
007	(2) Auxiliary Boilers	AC1D	N/A
007	(2) Auxiliary Boilers	AFMM	N/A
001	Pulverized coal fired main boiler	AFMM	N/A

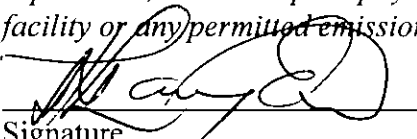
Application Processing Fee

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

APPLICATION INFORMATION

Owner/Authorized Representative Statement

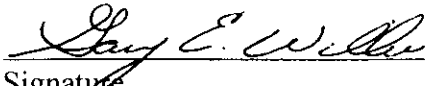
Complete if applying for an air construction permit or an initial FESOP.

1. Owner/Authorized Representative Name : Nicholas Laryea
2. Owner/Authorized Representative Mailing Address... Organization/Firm: Indiantown Cogeneration LP Street Address: P.O. Box 1799 City: Indiantown State: FL Zip Code: 34956
3. Owner/Authorized Representative Telephone Numbers... Telephone: (772) 597-6500 ext. Fax: (772) 597-6210
4. Owner/Authorized Representative Email Address: NicholasLaryea@cogentrix.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 <u>4/29/2008</u> Date

APPLICATION INFORMATION

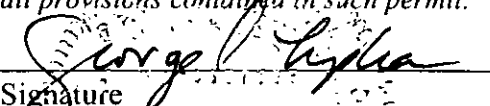
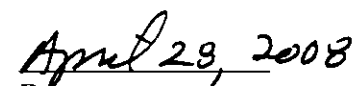
Application Responsible Official Certification

Complete if applying for an initial/revised/renewal Title V permit or concurrent processing of an air construction permit and a revised/renewal Title V permit. If there are multiple responsible officials, the "application responsible official" need not be the "primary responsible official."

1. Application Responsible Official Name: Gary Willer
2. Application Responsible Official Qualification (Check one or more of the following options, as applicable): <input type="checkbox"/> For a corporation, the president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit under Chapter 62-213, F.A.C. <input checked="" type="checkbox"/> For a partnership or sole proprietorship, a general partner or the proprietor, respectively. <input type="checkbox"/> For a municipality, county, state, federal, or other public agency, either a principal executive officer or ranking elected official. <input type="checkbox"/> The designated representative at an Acid Rain source.
3. Application Responsible Official Mailing Address... Organization/Firm: Indiantown Cogeneration, LP Street Address: P.O. Box 1799 City: Indiantown State: FL Zip Code: 34956
4. Application Responsible Official Telephone Numbers... Telephone: (772) 597-6500 ext. Fax: (772) 597-6210
5. Application Responsible Official Email Address: GaryWiller@cogentrix.com
6. Application Responsible Official Certification: <i>I, the undersigned, am a responsible official of the Title V source 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 applicable requirements identified in this application to which the Title V source 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. Finally, I certify that the facility and each emissions unit are in compliance with all applicable requirements to which they are subject, except as identified in compliance plan(s) submitted with this application.</i> Signature:  Date: <u>4/29/08</u>

APPLICATION INFORMATION

Professional Engineer Certification

1. Professional Engineer Name: George S. Lipka Registration Number: 50359
2. Professional Engineer Mailing Address... Organization/Firm: EnviroBusiness Inc. Street Address: 21 B Street City: Burlington State: MA Zip Code: 01803
3. Professional Engineer Telephone Numbers... Telephone: (781) 273-2500 ext. Fax: (781) 273-3311
4. Professional Engineer Email Address: glipka@ebiconsulting.com
5. Professional Engineer Statement: <i>I, the undersigned, hereby certify, except as particularly noted herein*, that:</i> (1) <i>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> (2) <i>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> (3) <i>If the purpose of this application is to obtain a Title V air operation permit (check here <input type="checkbox"/> , 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 plan and schedule is submitted with this application.</i> (4) <i>If the purpose of this application is to obtain an air construction permit (check here <input type="checkbox"/> , if so) or concurrently process and obtain an air construction permit and a Title V air operation permit revision or renewal for one or more proposed new or modified emissions units (check here <input checked="" type="checkbox"/> , 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.</i> (5) <i>If the purpose of this application is to obtain an initial air operation permit or operation permit revision or renewal for one or more newly constructed or modified emissions units (check here <input type="checkbox"/> , 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.</i>  Signature  Date (seal)

* Attach any exception to certification statement.



II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Location and Type

1. Facility UTM Coordinates... Zone East (km) 547.65 North (km) 2990.70			2. Facility Latitude/Longitude... Latitude (DD/MM/SS) 27/02/21 Longitude (DD/MM/SS) 80/30/53		
3. Governmental Facility Code: 0	4. Facility Status Code: A	5. Facility Major Group SIC Code: 49	6. Facility SIC(s): 4911		
7. Facility Comment : A pulverized coal-fired cogeneration plant (330 MW)					

Facility Contact

1. Facility Contact Name: Nicholas Laryea
2. Facility Contact Mailing Address... Organization/Firm: Indiantown Cogeneration LP Street Address: P.O. Box 1799 <div style="display: flex; justify-content: space-between; margin-top: 10px;"> City: Indiantown State: FL Zip Code: 34956 </div>
3. Facility Contact Telephone Numbers: Telephone: (772) 597-6500 ext. Fax: (772) 597-6210
4. Facility Contact Email Address: NicholasLaryea@cogentrix.com

Facility Primary Responsible Official

Complete if an "application responsible official" is identified in Section I. that is not the facility "primary responsible official."

1. Facility Primary Responsible Official Name: Gary Willer
2. Facility Primary Responsible Official Mailing Address... Organization/Firm: Indiantown Cogeneration LP Street Address: P.O. Box 1799 <div style="display: flex; justify-content: space-between; margin-top: 10px;"> City: Indiantown State: FL Zip Code: 34956 </div>
3. Facility Primary Responsible Official Telephone Numbers... Telephone: (772) 597-6500 ext. Fax: (772) 597-6210
4. Facility Primary Responsible Official Email Address: GaryWiller@cogentrix.com

FACILITY INFORMATION

Facility Regulatory Classifications

Check all that would apply *following* completion of all projects and implementation of all other changes proposed in this application for air permit. Refer to instructions to distinguish between a “major source” and a “synthetic minor source.”

1.	<input type="checkbox"/> Small Business Stationary Source	<input type="checkbox"/> Unknown
2.	<input type="checkbox"/> Synthetic Non-Title V Source	
3.	<input checked="" type="checkbox"/> Title V Source	
4.	<input checked="" type="checkbox"/> Major Source of Air Pollutants, Other than Hazardous Air Pollutants (HAPs)	
5.	<input type="checkbox"/> Synthetic Minor Source of Air Pollutants, Other than HAPs	
6.	<input checked="" type="checkbox"/> Major Source of Hazardous Air Pollutants (HAPs)	
7.	<input type="checkbox"/> Synthetic Minor Source of HAPs	
8.	<input checked="" type="checkbox"/> One or More Emissions Units Subject to NSPS (40 CFR Part 60)	
9.	<input checked="" type="checkbox"/> One or More Emissions Units Subject to Emission Guidelines (40 CFR Part 60)	
10.	<input checked="" type="checkbox"/> One or More Emissions Units Subject to NESHAP (40 CFR Part 61 or Part 63)	
11.	<input type="checkbox"/> Title V Source Solely by EPA Designation (40 CFR 70.3(a)(5))	
12.	Facility Regulatory Classifications Comment:	

FACILITY INFORMATION

List of Pollutants Emitted by Facility

1. Pollutant Emitted	2. Pollutant Classification	3. Emissions Cap [Y or N]?
CO: Carbon Monoxide	A	N
NOX: Nitrogen Oxides	A	N
PM: Particulate Matter - Total	A	N
PM10: Particulate Matter –PM10	A	N
SO2: Sulfur Dioxide	A	N
VOC: Volatile Organic Compounds	B	N
PB: Lead	B	N
SAM: Sulfuric Acid Mist	B	N
FL: Fluoride	B	N
H114: Mercury Compounds	B	N
NH3: Ammonia	C (unknown)	N
H021: Beryllium Compounds	C (unknown)	N
H015: Arsenic Compounds (inorganic including arsine)	C (unknown)	N

FACILITY INFORMATION

B. EMISSIONS CAPS

Facility-Wide or Multi-Unit Emissions Caps

1. Pollutant Subject to Emissions Cap	2. Facility Wide Cap [Y or N]? (all units)	3. Emissions Unit ID No.s Under Cap (if not all units)	4. Hourly Cap (lb/hr)	5. Annual Cap (ton/yr)	6. Basis for Emissions Cap

7. Facility-Wide or Multi-Unit Emissions Cap Comment:

NOT APPLICABLE

FACILITY INFORMATION

C. FACILITY ADDITIONAL INFORMATION

Additional Requirements for All Applications, Except as Otherwise Stated

1. Facility Plot Plan: (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date: <u>4/24/07</u>
2. Process Flow Diagram(s): (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date: <u>4/24/07</u>
3. Precautions to Prevent Emissions of Unconfined Particulate Matter: (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date: <u>2/23/04</u>

Additional Requirements for Air Construction Permit Applications

1. Area Map Showing Facility Location: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable (existing permitted facility)
2. Description of Proposed Construction, Modification, or Plantwide Applicability Limit (PAL): Change operating limit to 5000 hours per year for <u>each</u> boiler (rather than both boilers combined.) <input type="checkbox"/> Attached, Document ID: _____
3. Rule Applicability Analysis: Previously submitted on 2/23/04 (no change) <input type="checkbox"/> Attached, Document ID: _____
4. List of Exempt Emissions Units (Rule 62-210.300(3), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable (no exempt units at facility)
5. Fugitive Emissions Identification: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
6. Air Quality Analysis (Rule 62-212.400(7), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
7. Source Impact Analysis (Rule 62-212.400(5), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
8. Air Quality Impact since 1977 (Rule 62-212.400(4)(e), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
9. Additional Impact Analyses (Rules 62-212.400(8) and 62-212.500(4)(e), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
10. Alternative Analysis Requirement (Rule 62-212.500(4)(g), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

FACILITY INFORMATION

Additional Requirements for FESOP Applications

1. List of Exempt Emissions Units (Rule 62-210.300(3)(a) or (b)1., F.A.C.):
 Attached, Document ID: _____ Not Applicable (no exempt units at facility)

Additional Requirements for Title V Air Operation Permit Applications

1. List of Insignificant Activities (Required for initial/renewal applications only):
 Attached, Document ID: _____ Not Applicable (revision application)

2. Identification of Applicable Requirements (Required for initial/renewal applications, and for revision applications if this information would be changed as a result of the revision being sought):
 Attached, Document ID: _____
 Not Applicable (revision application with no change in applicable requirements)

3. Compliance Report and Plan (Required for all initial/revision/renewal applications):
 Attached, Document ID: _____
Note: A compliance plan must be submitted for each emissions unit that is not in compliance with all applicable requirements at the time of application and/or at any time during application processing. The department must be notified of any changes in compliance status during application processing. **NOT APPLICABLE**

4. List of Equipment/Activities Regulated under Title VI (If applicable, required for initial/renewal applications only):
 Attached, Document ID: _____
 Equipment/Activities On site but Not Required to be Individually Listed
 Not Applicable

5. Verification of Risk Management Plan Submission to EPA (If applicable, required for initial/renewal applications only) :
 Attached, Document ID: _____ Not Applicable

6. Requested Changes to Current Title V Air Operation Permit:
 Attached, Document ID: Appendix A Not Applicable

Additional Requirements Comment

EMISSIONS UNIT INFORMATION

Section [] of []

III. EMISSIONS UNIT INFORMATION

Title V Air Operation Permit Application - For Title V air operation permitting only, emissions units are classified as regulated, unregulated, or insignificant. If this is an application for Title V air operation permit, a separate Emissions Unit Information Section (including subsections A through I as required) must be completed for each regulated and unregulated emissions unit addressed in this application for air permit. Some of the subsections comprising the Emissions Unit Information Section of the form are optional for unregulated emissions units. Each such subsection is appropriately marked. Insignificant emissions units are required to be listed at Section II, Subsection C.

Air Construction Permit or FESOP Application - For air construction permitting or federally enforceable state air operation permitting, emissions units are classified as either subject to air permitting or exempt from air permitting. The concept of an "unregulated emissions unit" does not apply. If this is an application for air construction permit or FESOP, a separate Emissions Unit Information Section (including subsections A through I as required) must be completed for each emissions unit subject to air permitting addressed in this application for air permit. Emissions units exempt from air permitting are required to be listed at Section II, Subsection C.

Air Construction Permit and Revised/Renewal Title V Air Operation Permit Application - Where this application is used to apply for both an air construction permit and a revised/renewal Title V air operation permit, each emissions unit is classified as either subject to air permitting or exempt from air permitting for air construction permitting purposes and as regulated, unregulated, or insignificant for Title V air operation permitting purposes. **The air construction permitting classification must be used to complete the Emissions Unit Information Section of this application for air permit.** A separate Emissions Unit Information Section (including subsections A through I as required) must be completed for each emissions unit subject to air permitting addressed in this application for air permit. Emissions units exempt from air construction permitting and insignificant emissions units are required to be listed at Section II, Subsection C.

If submitting the application form in hard copy, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application must be indicated in the space provided at the top of each page.

EMISSIONS UNIT INFORMATION

Section [] of []

A. GENERAL EMISSIONS UNIT INFORMATION**Title V Air Operation Permit Emissions Unit Classification**

1. Regulated or Unregulated Emissions Unit? (Check one, if applying for an initial, revised or renewal Title V air operation permit. Skip this item if applying for an air construction permit or FESOP only.)

The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in this Section: (Check one)

This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

2. Description of Emissions Unit Addressed in this Section: (2) Auxiliary Boilers

3. Emissions Unit Identification Number: 007

4. Emissions Unit Status Code: A	5. Commence Construction Date:	6. Initial Startup Date: 8/24/06	7. Emissions Unit Major Group SIC Code: 49	8. Acid Rain Unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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9. Package Unit:

Manufacturer: Victory Energy

Model Number: 23M Keystone

10. Generator Nameplate Rating: N/A MW

11. Emissions Unit Comment:

Two (2) packaged watertube steam boilers with a combined maximum rated capacity of 350 MMBtu/hr when firing natural gas and 341 MMBtu/hr when firing propane. Each boiler will be operated for a maximum of 5,000 hours per year.

EMISSIONS UNIT INFORMATION

Section [] of []

Emissions Unit Control Equipment

1. Control Equipment/Method(s) Description:

NO_x Control Equipment: Todd Combustion or Equivalent Low-NO_x Burners, and Flue Gas Recirculation, on each boiler

2. Control Device or Method Code(s): 205 and 026

EMISSIONS UNIT INFORMATION

Section [] of []

B. EMISSIONS UNIT CAPACITY INFORMATION

(Optional for unregulated emissions units.)

Emissions Unit Operating Capacity and Schedule

1. Maximum Process or Throughput Rate:
2. Maximum Production Rate:
3. Maximum Heat Input Rate: 350 million Btu/hr ¹
4. Maximum Incineration Rate: pounds/hr tons/day
5. Requested Maximum Operating Schedule: hours/day 24 days/week 7 weeks/year 5,000 hours/year*
6. Operating Capacity/Schedule Comment: *The operating restriction of 5,000 hours per year applies to <u>each</u> boiler separately. ¹ Maximum heat input rate is 350 MMBtu/hr when firing natural gas or 341 MMBtu/hr when firing propane. MMBtu/hr rate is total for both boilers.

EMISSIONS UNIT INFORMATION

Section [] of []

C. EMISSION POINT (STACK/VENT) INFORMATION**(Optional for unregulated emissions units.)****Emission Point Description and Type**

1. Identification of Point on Plot Plan or Flow Diagram: 01		2. Emission Point Type Code: 1	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking: (2) Auxiliary Boilers vented to common stack (Point 01).			
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: EU ID 007			
5. Discharge Type Code: V	6. Stack Height: 210 feet	7. Exit Diameter: 5 feet	
8. Exit Temperature: 551 °F	9. Actual Volumetric Flow Rate: 146,600 acfm @ 3% O ₂	10. Water Vapor: 18 %	
11. Maximum Dry Standard Flow Rate: 62,800 dscfm @ 3% O ₂		12. Nonstack Emission Point Height: feet	
13. Emission Point UTM Coordinates... Zone: 17 East (km): 547.65 North (km): 2990.70		14. Emission Point Latitude/Longitude... Latitude (DD/MM/SS) 27/02/21 Longitude (DD/MM/SS) 80/30/53	
15. Emission Point Comment:			

EMISSIONS UNIT INFORMATION

Section [] of []

D. SEGMENT (PROCESS/FUEL) INFORMATION**Segment Description and Rate:** Segment 1_ of 2_

1. Segment Description (Process/Fuel Type): (2) Auxiliary Boilers/Natural Gas		
2. Source Classification Code (SCC): 10200601		3. SCC Units: Million Cubic Feet Natural Gas Burned
4. Maximum Hourly Rate: 0.37	5. Maximum Annual Rate: 1,840	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit: 950
10. Segment Comment: <u>Each</u> boiler limited to 5,000 hours per year firing natural gas or propane.		

Segment Description and Rate: Segment 2_ of 2_

1. Segment Description (Process/Fuel Type): (2) Auxiliary Boilers/Propane		
2. Source Classification Code (SCC): 10201002		3. SCC Units: Thousands Gallons Propane Burned
4. Maximum Hourly Rate: 3.77	5. Maximum Annual Rate: 18,800	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: 0.007	8. Maximum % Ash:	9. Million Btu per SCC Unit: 90.5
10. Segment Comment: <u>Each</u> boiler limited to 5,000 hours per year firing natural gas or propane.		

EMISSIONS UNIT INFORMATION

Section [] of []

E. EMISSIONS UNIT POLLUTANTS

List of Pollutants Emitted by Emissions Unit

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
CO			EL
NOx	205	026	EL
PM			EL
PM ₁₀			EL
SO ₂			EL
VOC			WP

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION –
 POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS**

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

1. Pollutant Emitted: CO		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 14.0 lb/hour 35.0 tons/year		4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor: 0.040 lb/MMBtu Reference: Manufacturer's Guarantee		7. Emissions Method Code: 2	
8.a. Baseline Actual Emissions (if required): tons/year		8.b. Baseline 24-month Period: From: To:	
9.a. Projected Actual Emissions (if required): tons/year		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years	
10. Calculation of Emissions: CO (Hourly) = (0.040 lb/MMBtu)(350 MMBtu/hr) = 14.0 lb/hr CO (Annual) = (14.0 lb/hr)(5,000 hr/yr)/(2,000 lb/ton) = 35.0 ton/yr			
11. Potential, Fugitive, and Actual Emissions Comment: Each boiler limited to 5,000 hours per year firing natural gas or propane. MMBtu/hr rate used in calculation is total for both boilers.			

1. Pollutant Emitted: NOx		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 14.0 lb/hour 35.0 tons/year		4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor: 0.040 lb/MMBtu Reference: Manufacturer's Guarantee		7. Emissions Method Code: 2	
8.a. Baseline Actual Emissions (if required): tons/year		8.b. Baseline 24-month Period: From: To:	
9.a. Projected Actual Emissions (if required): tons/year		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years	
10. Calculation of Emissions: NOx (Hourly) = (0.040 lb/MMBtu)(350 MMBtu/hr) = 14.0 lb/hr NOx (Annual) = (14.00 lb/hr)(5,000 hr/yr)/(2,000 lb/ton) = 35.0 ton/yr			
11. Potential, Fugitive, and Actual Emissions Comment: Each boiler limited to 5,000 hours per year firing natural gas or propane. MMBtu/hr rate used in calculation is total for both boilers.			

1. Pollutant Emitted: PM		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 1.4 lb/hour 3.5 tons/year		4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor: 0.004 lb/MMBtu Reference: Manufacturer's Guarantee		7. Emissions Method Code: 2	
8.a. Baseline Actual Emissions (if required): tons/year		8.b. Baseline 24-month Period: From: To:	
9.a. Projected Actual Emissions (if required): tons/year		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years	
10. Calculation of Emissions: PM (Hourly) = (0.004 lb/MMBtu)(350 MMBtu/hr) = 1.4 lb/hr PM (Annual) = (1.4 lb/hr)(5,000 hr/yr)/(2,000 lb/ton) = 3.5 ton/yr			
11. Potential, Fugitive, and Actual Emissions Comment: Each boiler limited to 5,000 hours per year firing natural gas or propane. MMBtu/hr rate used in calculation is total for both boilers.			

1. Pollutant Emitted: PM ₁₀		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 1.4 lb/hour 3.5 tons/year		4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor: 0.004 lb/MMBtu Reference: Manufacturer's Guarantee		7. Emissions Method Code: 2	
8.a. Baseline Actual Emissions (if required): tons/year		8.b. Baseline 24-month Period: From: To:	
9.a. Projected Actual Emissions (if required): tons/year		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years	
10. Calculation of Emissions: $PM_{10} \text{ (Hourly)} = (0.004 \text{ lb/MMBtu})(350 \text{ MMBtu/hr}) = 1.4 \text{ lb/hr}$ $PM_{10} \text{ (Annual)} = (1.4 \text{ lb/hr})(5,000 \text{ hr/yr}/(2,000 \text{ lb/ton})) = 3.5 \text{ ton/yr}$			
11. Potential, Fugitive, and Actual Emissions Comment: Each boiler limited to 5,000 hours per year firing natural gas or propane. MMBtu/hr rate used in calculation is total for both boilers.			

1. Pollutant Emitted: SO ₂	2. Total Percent Efficiency of Control:
3. Potential Emissions: 2.1 lb/hour 5.3 tons/year	4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year	
6. Emission Factor: 0.006 lb/MMBtu Reference: Estimated Fuel Sulfur Contents	7. Emissions Method Code: 2
8.a. Baseline Actual Emissions (if required): tons/year	8.b. Baseline 24-month Period: From: To:
9.a. Projected Actual Emissions (if required): tons/year	9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years
10. Calculation of Emissions: SO ₂ (Hourly) = (0.006 lb/MMBtu)(350 MMBtu/hr) = 2.1 lb/hr SO ₂ (Annual) = (2.1 lb/hr)(5,000 hr/yr / 2,000 lb/ton) = 5.3 ton/yr	
11. Potential, Fugitive, and Actual Emissions Comment: Each boiler limited to 5,000 hours per year firing natural gas or propane. MMBtu/hr rate used in calculation is total for both boilers.	

1. Pollutant Emitted: VOC		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 0.70 lb/hour 1.8 tons/year		4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor: 0.002 lb/MMBtu Reference: Manufacturer's Guarantee		7. Emissions Method Code: 2	
8.a. Baseline Actual Emissions (if required): tons/year		8.b. Baseline 24-month Period: From: To:	
9.a. Projected Actual Emissions (if required): tons/year		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years	
10. Calculation of Emissions: VOC (Hourly) = (0.0020 lb/MMBtu)(350 MMBtu/hr) = 0.70 lb/hr VOC (Annual) = (0.70 lb/hr)(5,000 hr/yr)/(2,000 lb/ton) = 1.8 ton/yr			
11. Potential, Fugitive, and Actual Emissions Comment: Each boiler limited to 5,000 hours per year firing natural gas or propane. MMBtu/hr rate used in calculation is total for both boilers.			

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -
 ALLOWABLE EMISSIONS**

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

Allowable Emissions Allowable Emissions 1_ of 6_ (CO)

1. Basis for Allowable Emissions Code: OTHER	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: 0.040 lb/MMBtu	4. Equivalent Allowable Emissions: 14.0 lb/hour 35.0 tons/year
5. Method of Compliance: Initial performance test (40 CFR 60.46b). Continuous emission monitoring system (40 CFR 60.48b).	
6. Allowable Emissions Comment (Description of Operating Method): Emissions based on manufacturer's guarantee firing either natural gas or propane.	

Allowable Emissions Allowable Emissions 2_ of 6_ (NOx)

1. Basis for Allowable Emissions Code: OTHER	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: 0.040 lb/MMBtu	4. Equivalent Allowable Emissions: 14.0 lb/hour 35.0 tons/year
5. Method of Compliance: Initial performance test (40 CFR 63.7520). Continuous emission monitoring system (40 CFR 63.7525).	
6. Allowable Emissions Comment (Description of Operating Method): Emissions based on manufacturer's guarantee firing either natural gas or propane.	

Allowable Emissions Allowable Emissions 3_ of 6_ (PM)

1. Basis for Allowable Emissions Code: OTHER	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: 1.4 lb/hr	4. Equivalent Allowable Emissions: 3.5 tons/year
5. Method of Compliance: Natural gas or propane firing only.	
6. Allowable Emissions Comment (Description of Operating Method): Emissions based on manufacturer's guarantee firing either natural gas or propane.	

Allowable Emissions Allowable Emissions 4_ of 6__(PM₁₀)

1. Basis for Allowable Emissions Code: OTHER	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: 1.4 lb/hr	4. Equivalent Allowable Emissions: 3.5 tons/year
5. Method of Compliance: Natural gas or propane firing only.	
6. Allowable Emissions Comment (Description of Operating Method): Emissions based on manufacturer's guarantee firing either natural gas or propane.	

Allowable Emissions Allowable Emissions 5_ of 6__(SO₂)

1. Basis for Allowable Emissions Code: OTHER	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: 2.1 lb/hour	4. Equivalent Allowable Emissions: 5.3 tons/year
5. Method of Compliance: Natural gas or propane firing only.	
6. Allowable Emissions Comment (Description of Operating Method): Emissions based on estimated fuel sulfur content for natural gas and propane.	

Allowable Emissions Allowable Emissions 6_ of 6__(VOC)

1. Basis for Allowable Emissions Code: OTHER	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: 0.70 lb/hour	4. Equivalent Allowable Emissions: 1.8 tons/year
5. Method of Compliance: Natural gas or propane firing only.	
6. Allowable Emissions Comment (Description of Operating Method): Emissions based on manufacturer's guarantee firing either natural gas or propane.	

EMISSIONS UNIT INFORMATION

Section [] of []

G. VISIBLE EMISSIONS INFORMATION

Complete if this emissions unit is or would be subject to a unit-specific visible emissions limitation.

Visible Emissions Limitation: Visible Emissions Limitation 1_ of 1__

1. Visible Emissions Subtype: VE20	2. Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Allowable Opacity: Normal Conditions: 20 % Exceptional Conditions: Maximum Period of Excess Opacity Allowed: min/hour	
4. Method of Compliance: EPA Method 9	
5. Visible Emissions Comment:	

EMISSIONS UNIT INFORMATION

Section [] of []

H. CONTINUOUS MONITOR INFORMATION**Complete if this emissions unit is or would be subject to continuous monitoring.****Continuous Monitoring System:** Continuous Monitor 1__ of 6__

1. Parameter Code: CO ₂	2. Pollutant(s):
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: California Analytica Model Number: ZRH-1 Serial Number: N5B-3530 T	
5. Installation Date:	6. Performance Specification Test Date: 4/25/07
7. Continuous Monitor Comment: Diluent monitor on Aux Boiler A as required under 40 CFR 60 Subpart Db.	

Continuous Monitoring System: Continuous Monitor 2__ of 6__

1. Parameter Code: O ₂	2. Pollutant(s):
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: California Analytica Model Number: ZRH-1 Serial Number: N5B-3533 T	
5. Installation Date:	6. Performance Specification Test Date: 4/25/07
7. Continuous Monitor Comment: Diluent monitor on Aux Boiler B as required under 40 CFR 60 Subpart Db.	

H. CONTINUOUS MONITOR INFORMATION (CONTINUED)

Complete if this emissions unit is or would be subject to continuous monitoring.

Continuous Monitoring System: Continuous Monitor 3__ of 6__

1. Parameter Code: EM	2. Pollutant(s): NO _x
3. CMS Requirement: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information... Manufacturer: Thermo Electron Model Number: 42iHL Serial Number: 42iHL-0617417188	
5. Installation Date:	6. Performance Specification Test Date: 4/25/07
7. Continuous Monitor Comment: NO _x monitor on Aux Boiler A as required under 40 CFR 60 Subpart Db.	

Continuous Monitoring System: Continuous Monitor 4__ of 6__

1. Parameter Code:	2. Pollutant(s): NO _x
3. CMS Requirement: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information... Manufacturer: Thermo Electron Model Number: 42iHL Serial Number: 42iHL-0617417188	
5. Installation Date:	6. Performance Specification Test Date: 4/25/07
7. Continuous Monitor Comment: NO _x monitor on Aux Boiler B as required under 40 CFR 60 Subpart Db.	

EMISSIONS UNIT INFORMATION

Section [] of []

H. CONTINUOUS MONITOR INFORMATION (CONTINUED)**Complete if this emissions unit is or would be subject to continuous monitoring.****Continuous Monitoring System:** Continuous Monitor 5__ of 6__

1. Parameter Code: EM	2. Pollutant(s): CO
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: Siemens Model Number: Ultramat/Oxymat 6E Serial Number: U5-116	
5. Installation Date:	6. Performance Specification Test Date: 4/25/07
7. Continuous Monitor Comment:	

Continuous Monitoring System: Continuous Monitor 6__ of 6__

1. Parameter Code: EM	2. Pollutant(s): CO
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: Siemens Model Number: Ultramat/Oxymat 6E Serial Number: U5-116	
5. Installation Date:	6. Performance Specification Test Date: 4/25/07
7. Continuous Monitor Comment:	

EMISSIONS UNIT INFORMATION

Section [] of []

I. EMISSIONS UNIT ADDITIONAL INFORMATION

Additional Requirements for All Applications, Except as Otherwise Stated

1. Process Flow Diagram (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date <u>4/24/07</u>
2. Fuel Analysis or Specification (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date <u>4/24/07</u>
3. Detailed Description of Control Equipment (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date <u>2/23/04</u>
4. Procedures for Startup and Shutdown (Required for all operation permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date <u>2/23/04</u> <input type="checkbox"/> Not Applicable (construction application)
5. Operation and Maintenance Plan (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date <u>2/23/04</u> <input type="checkbox"/> Not Applicable
6. Compliance Demonstration Reports/Records <input type="checkbox"/> Attached, Document ID: _____ Test Date(s)/Pollutant(s) Tested: _____ <input checked="" type="checkbox"/> Previously Submitted, Date: <u>8/15/07</u> Test Date(s)/Pollutant(s) Tested: <u>4/25/07 - NOx, CO, VOC, Visible Emissions</u> <input type="checkbox"/> To be Submitted, Date (if known): _____ Test Date(s)/Pollutant(s) Tested: _____ <input type="checkbox"/> Not Applicable <p>Note: For FESOP applications, all required compliance demonstration records/reports must be submitted at the time of application. For Title V air operation permit applications, all required compliance demonstration reports/records must be submitted at the time of application, or a compliance plan must be submitted at the time of application.</p>
7. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSIONS UNIT INFORMATION

Section [] of []

Additional Requirements for Air Construction Permit Applications

1. Control Technology Review and Analysis (Rules 62-212.400(10) and 62-212.500(7), F.A.C.; 40 CFR 63.43(d) and (e)) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
2. Good Engineering Practice Stack Height Analysis (Rule 62-212.400(4)(d), F.A.C., and Rule 62-212.500(4)(f), F.A.C.) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
3. Description of Stack Sampling Facilities (Required for proposed new stack sampling facilities only) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

Additional Requirements for Title V Air Operation Permit Applications

1. Identification of Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____
2. Compliance Assurance Monitoring <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
3. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
4. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
5. Acid Rain Part Application <input type="checkbox"/> Certificate of Representation (EPA Form No. 7610-1) <input type="checkbox"/> Copy Attached, Document ID: _____ <input type="checkbox"/> Acid Rain Part (Form No. 62-210.900(1)(a)) <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously Submitted, Date: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously Submitted, Date: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously Submitted, Date: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously Submitted, Date: _____ <input type="checkbox"/> Phase II NOx Compliance Plan (Form No. 62-210.900(1)(a)4.) <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously Submitted, Date: _____ <input type="checkbox"/> Phase II NOx Averaging Plan (Form No. 62-210.900(1)(a)5.) <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously Submitted, Date: _____ <input type="checkbox"/> Not Applicable

Additional Requirements Comment

[Empty rectangular box for comment]

Indiantown Cogeneration Facility Title V Permit Revision

Appendix A: Auxiliary Boiler (EU #007) Permit Modifications

The requested edits to the existing Title V permit, with regard to the Auxiliary Boilers (EU #007), are noted below. The portions to be revised are **bold and underlined**.

1. Performance Restriction F.7. (Hours of Operation) should state:

The operation of each auxiliary boiler shall not exceed 5,000 hours during any consecutive 12-month period. The permittee shall calibrate, operate and maintain a monitoring system to measure and accumulate the amount of natural gas as well as propane fired and the hours of operation for each auxiliary boiler.

2. Emission Limitations and Standards F.10. (Summary) should state:

The following table summarizes the emissions standards specified in this permit. Although these limits were not determined by BACT, they (along with other limitations described herein) form the basis for the Department's determination that PSD does not apply.

Pollutant	Emission Limit	Annual Emissions (based upon two boilers operating 5000 hrs/yr each)
NOx	0.040 lb/MMBtu	35 TPY
CO	0.040 lb/MMBtu	35 TPY
VOC	0.70 lb/hr	1.8 TPY
SO ₂	2.1 lb/hr	5.3 TPY
PM ₁₀	1.4 lb/hr	3.5 TPY

Indiantown Cogeneration Facility Title V Permit Revision

Appendix B: Pulverized Coal Fired Main Boiler (EU #001) Permit Modifications

The requested edits to the existing Title V permit, with regard to the Pulverized Coal Fired Main Boiler (EU #001), are noted below.

Under the subheading “Emission Limits and Standards”, please make the following modifications (a) through (j):

- a) **[Add New Provision]:**
Particulate Matter (PM) – All Fuels. No owner or operator subject to the provisions of 40 CFR 60, Subpart Da, shall cause to be discharged into the atmosphere from any affected facility which combusts solid, liquid, or gaseous fuel any gases that contain PM in excess of 13 ng/J (0.03 lb/MMBtu) heat input. [40 CFR 60.42da(a)(1)]
- b) **[Add New Provision]:**
Particulate Matter (PM) – Coal Only. No owner or operator subject to the provisions of 40 CFR 60, Subpart Da, shall cause to be discharged into the atmosphere from any affected facility which combusts solid fuel any gases that contain PM in excess of 1 percent of the potential combustion concentration (99 percent reduction). [40 CFR 60.42da(a)(2)]
- c) **[Add New Provision]:**
Particulate Matter (PM) – Liquid Fuel Only. No owner or operator subject to the provisions of 40 CFR 60, Subpart Da, shall cause to be discharged into the atmosphere from any affected facility which combusts solid fuel any gases that contain PM in excess of 30 percent of the potential combustion concentration (70 percent reduction). [40 CFR 60.42da(a)(3)]
- d) **[Add New Provision]:**
Particulate Matter (PM) – Visible Emissions. No owner or operator subject to the provisions of 40 CFR 60, Subpart Da, shall cause to be discharged into the atmosphere from any affected facility which combusts solid fuel any gases which exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity. [40 CFR 60.42da(b)]
- e) **[The following provision replaces the existing provision A.14]:**
Sulfur Dioxide - Coal Only. No owner or operator subject to the provisions of 40 CFR 60, Subpart Da, shall cause to be discharged into the atmosphere from any affected facility which combusts solid fuel or solid-derived fuel any gases which contain sulfur dioxide in excess of:
 - a) 520 ng/J (1.20 lb/MMBtu) heat input and 30 percent of the potential combustion concentration (70 percent reduction).

- b) 30 percent of the potential combustion concentration (70 percent reduction), when emissions are less than 260 ng/J (0.60 lb/MMBtu) heat input.

Compliance with the emission limitation and percent reduction requirements under 40 CFR 60.43da are both determined on a 30-day rolling average basis. [40 CFR 60.43da(a)]

f) **[The following provision replaces the existing provision A.15]:**

Sulfur Dioxide – Liquid or Gaseous Fuels. No owner or operator subject to the provisions of 40 CFR 60, Subpart Da, shall cause to be discharged into the atmosphere from any affected facility which combusts solid fuel or solid-derived fuel any gases which contain sulfur dioxide in excess of:

- a) 340 ng/J (0.80 lb/MMBtu) heat input and 10 percent of the potential combustion concentration (90 percent reduction).
- b) 100 percent of the potential combustion concentration (zero percent reduction) when emissions are less than 86 ng/J (0.20 lb/MMBtu) heat input.

Compliance with the emission limitation and percent reduction requirements under 40 CFR 60.43da are both determined on a 30-day rolling average basis. [40 CFR 60.43da(b)]

g) **[The following provision replaces the existing provision A.16]:**

Compliance with the sulfur dioxide emission limitation and percent reduction requirements under Subpart Da are both determined on a 30-day rolling average basis. [40 CFR 60.43da(g)]

h) **[The following provision replaces the existing provision A.17]:**

When different fuels are combusted simultaneously, the applicable sulfur dioxide standard is determined by proration using the following formula:

- (1) If emissions of SO₂ to the atmosphere are greater than 260 ng/J (0.60 lb/MMBtu) heat input:

$$E_S = \frac{(340x + 520y)}{100} \text{ and } \%P_S = 10$$

- (2) If emissions of SO₂ to the atmosphere are equal to or less than 260 ng/J (0.60 lb/MMBtu) heat input:

$$E_s = \frac{(340x + 520y)}{100} \quad \text{and} \quad \%P_s = \frac{(10x + 30y)}{100}$$

Where:

E_s = Prorated SO₂ emission limit (ng/J heat input);

$\%P_s$ = Percentage of potential SO₂ emission allowed;

x = Percentage of total heat input derived from the combustion of liquid or gaseous fuels (excluding solid-derived fuels); and

y = Percentage of total heat input derived from the combustion of solid fuel (including solid-derived fuels).

[40 CFR 60.43da(h)]

- i) Nitrogen Oxides (NOx). No owner or operator subject to the provisions of 40 CFR 60, Subpart Da, shall cause to be discharged into the atmosphere from any affected facility any gases that contain NOx (expressed as NO₂) in excess of the following emission limits, based on a 30-day rolling average basis:

(1) NOx emission limits:

Fuel Type	Emission Limit (ng/J)	Emission Limit (lb/MMBtu)
Gaseous Fuels	86	0.20
Liquid Fuels	130	0.30
Bituminous Coal	260	0.60

(2) NOx reduction requirement:

Fuel Type	Percent reduction of potential combustion concentration
Gaseous Fuels	25
Liquid Fuels	30
Solid Fuels	65

[40 CFR 60.44da(a)]

- j) When two or more fuels are combusted simultaneously, the applicable standard is determined by proration using the following formula:

$$E_n = \frac{(86w + 130x + 260z)}{100}$$

Where:

E_n = Applicable standard for NOx when multiple fuels are combusted simultaneously (ng/J heat input);

w = Percentage of total heat input derived from the combustion of fuels subject to the 86 ng/J heat input standard;

x = Percentage of total heat input derived from the combustion of fuels subject to the 130 ng/J heat input standard;

z = Percentage of total heat input derived from the combustion of fuels subject to the 260 ng/J heat input standard

[40 CFR 60.44da(c)]

Under the subheading “Compliance Provisions”, please make the following modifications (k) – (o):

- k) **The existing provision A.23 (“The particulate matter emission standards...”) should be modified to remove references to 40 CFR 40.46a(c).**
- l) **The existing provision A.24 (“During emergency conditions in the principal company...”) should be deleted.**
- m) **The existing provision A.25 (“Compliance with the sulfur dioxide emission limitations...”) should be modified to remove references to 40 CFR 40.46a(e).**
- n) **The existing provision A.26 (“Compliance is determined by calculating the 24 hour daily block average...”) should be modified to remove references to 40 CFR 40.46a(g).**
- o) **The existing provision A.27 (“If the owner or operator has not obtained the minimum quantity of emission data...”) should be deleted.**

Under the subheading “Continuous Monitoring Requirements”, please make the following modifications (p) – (aa):

- p) **[The following provision replaces the existing provision A.29]:**
Opacity. The owner or operator of an affected facility, shall install, calibrate, maintain, and operate a CEMS, and record the output of the system, for measuring the opacity of emissions discharged to the atmosphere. If opacity interference due to water droplets exists in the stack (for example, from the use of an FGD system), the opacity is monitored upstream of the interference (at the inlet to the FGD system). If opacity interference is experienced at all locations (both at the inlet and outlet of the SO₂ control system), alternate parameters indicative of the PM control system's performance and/or good combustion are monitored (subject to the approval of the Administrator). [40 CFR 60.49Da(a)]
- q) **[The following provision replaces the existing provision A.30]:**
Sulfur Dioxide. The owner or operator of an affected facility shall install, calibrate, maintain, and operate a CEMS, and record the output of the system, for measuring SO₂ emissions, except where natural gas is the only fuel combusted, as follows:
(1) Sulfur dioxide emissions are monitored at both the inlet and outlet of the SO₂ control device. [40 CFR 60.49Da(b)(1)]
- r) **[The following provision replaces the existing provision A.31]:**
Nitrogen Oxides. The owner or operator of an affected facility shall install, calibrate, maintain, and operate a CEMS, and record the output of the system, for measuring NO_x emissions discharged to the atmosphere. [40 CFR 60.49Da(c)(1)]
- s) **[The following provision replaces the existing provision A.32]:**
The owner or operator of an affected facility shall install, calibrate, maintain, and operate a CEMS, and record the output of the system, for measuring the oxygen (O₂) or carbon dioxide (CO₂) content of the flue gases at each location where SO₂ or NO_x emissions are monitored. [40 CFR 60.49Da(d)]
- t) **[The following provision replaces the existing provision A.33]:**
The CEMS required under 40 CFR 60.49da(a), (b), (c) and (d) are operated and data recorded during all periods of operation of the affected facility including periods of startup, shutdown, malfunction or emergency conditions, except for CEMS breakdowns, repairs, calibration checks, and zero and span adjustments. [40 CFR 60.49Da(e)]
- u) **[The following provision replaces the existing provision A.34]:**
The owner or operator shall obtain emission data for at least 18 hours in at least 22 out of 30 successive boiler operating days. If this minimum data requirement cannot be met with CEMS, the owner or operator shall supplement emission data with other monitoring systems approved by the Administrator or the reference

methods and procedures as described in 40 CFR 60.49Da(h). [40 CFR 60.49Da(f)(1)]

v) **[The following provision replaces the existing provision A.35]:**

The 1-hour averages required under 40 CFR 60.13(h) are expressed in ng/J (lb/MMBtu) heat input and used to calculate the average emission rates under 40 CFR 60.48Da. The 1-hour averages are calculated using the data points required under 40 CFR 60.13(h)(2). [40 CFR 60.49Da(g)]

w) **[The following provision replaces the existing provision A.36]:**

When it becomes necessary to supplement CEMS data to meet the minimum data requirements in 40 CFR 60.49Da(f), the owner or operator shall use the reference methods and procedures as specified in this paragraph. Acceptable alternative methods and procedures are given in 40 CFR 60.49Da(j).

(1) Method 6 of 40 CFR 60 Appendix A shall be used to determine the SO₂ concentration at the same location as the SO₂ monitor. Samples shall be taken at 60-minute intervals. The sampling time and sample volume for each sample shall be at least 20 minutes and 0.020 dscm (0.71 dscf). Each sample represents a 1-hour average.

(2) Method 7 of 40 CFR 60 Appendix A shall be used to determine the NO_x concentration at the same location as the NO_x monitor. Samples shall be taken at 30-minute intervals. The arithmetic average of two consecutive samples represents a 1-hour average.

(3) The emission rate correction factor, integrated bag sampling and analysis procedure of Method 3B of 40 CFR 60 Appendix A shall be used to determine the O₂ or CO₂ concentration at the same location as the O₂ or CO₂ monitor. Samples shall be taken for at least 30 minutes in each hour. Each sample represents a 1-hour average.

(4) The procedures in Method 19 of 40 CFR 60 Appendix A shall be used to compute each 1-hour average concentration in ng/J (lb/MMBtu) heat input. [40 CFR 60.49Da(h)]

x) **[The following provision replaces the existing provision A.37]:**

The owner or operator shall use methods and procedures in this paragraph to conduct monitoring system performance evaluations under 40 CFR 60.13(c) and calibration checks under 40 CFR 60.13(d). Acceptable alternative methods and procedures are given in 40 CFR 60.49Da(j).

(1) Methods 3B, 6, and 7 of 40 CFR 60 Appendix A shall be used to determine O₂, SO₂, and NO_x concentrations, respectively.

(2) SO₂ or NO_x (NO), as applicable, shall be used for preparing the calibration gas mixtures (in N₂, as applicable) under Performance Specification 2 of 40 CFR 60 Appendix B.

(3) For affected facilities burning only fossil fuel, the span value for a CEMS for measuring opacity is between 60 and 80 percent. Span values for a CEMS measuring NO_x shall be determined using one of the following procedures:

(i) Except as provided under paragraph (3) of this provision, NO_x span values shall be determined as follows:

Fossil Fuel	Span Values for NO _x (ppm)
Gas	500
Liquid	500
Solid	1,000
Combination	$500(x + y) + 1,000z$.

Where:

x = Fraction of total heat input derived from gaseous fossil fuel,
y = Fraction of total heat input derived from liquid fossil fuel, and
z = Fraction of total heat input derived from solid fossil fuel.

(ii) As an alternative to meeting the requirements of paragraph (3)(i) of this provision, the owner or operator of an affected facility may elect to use the NO_x span values determined according to section 2.1.2 of 40 CFR 75 Appendix A.

(4) All span values computed under paragraph (3)(i) of this provision for burning combinations of fossil fuels are rounded to the nearest 500 ppm. Span values computed under paragraph (3)(ii) of this provision shall be rounded off according to section 2.1.2 of 40 CFR 75 Appendix A.

(5) For affected facilities burning fossil fuel, alone or in combination with non-fossil fuel and determining span values under paragraph (3)(i) of this provision, the span value of the SO₂ CEMS at the inlet to the SO₂ control device is 125 percent of the maximum estimated hourly potential emissions of the fuel fired, and the outlet of the SO₂ control device is 50 percent of maximum estimated hourly potential emissions of the fuel fired. For affected facilities determining span values under paragraph (3)(ii) of this provision, SO₂ span values shall be determined according to section 2.1.1 of 40 CFR 75 Appendix A.

[40 CFR 60.49Da(i)]

y) **[The following provision replaces the existing provision A.38]:**

The owner or operator may use the following as alternatives to the reference methods and procedures specified in 40 CFR 60.49Da:

(1) For Method 6 of 40 CFR 60 Appendix A, Method 6A or 6B (whenever Methods 6 and 3 or 3B of 40 CFR 60 Appendix A data are used) or 6C of 40 CFR 60 Appendix A may be used. Each Method 6B of 40 CFR 60 Appendix A sample obtained over 24 hours represents 24 1-hour averages. If Method 6A or 6B of 40 CFR 60 Appendix A is used under 40 CFR 60.49da(i), the conditions under 40 CFR 60.48Da(d)(1) apply; these conditions do not apply under 40 CFR 60.49Da(h).

(2) For Method 7 of 40 CFR 60 Appendix A, Method 7A, 7C, 7D, or 7E of 40 CFR 60 Appendix A may be used. If Method 7C, 7D, or 7E of 40 CFR 60 Appendix A is used, the sampling time for each run shall be 1 hour.

(3) For Method 3 of 40 CFR 60 Appendix A, Method 3A or 3B of 40 CFR 60 Appendix A may be used if the sampling time is 1 hour.

(4) For Method 3B of 40 CFR 60 Appendix A, Method 3A of 40 CFR 60 Appendix A may be used.

[40 CFR 60.49Da(j)]

z) **[Add New Provision]:**

The owner or operator shall prepare and submit to the Administrator for approval a unit-specific monitoring plan for each monitoring system, at least 45 days before commencing certification testing of the monitoring systems. The owner or operator shall comply with the requirements in your plan. The plan must address the requirements in the following paragraphs (1) through (6):

(1) Installation of the CEMS sampling probe or other interface at a measurement location relative to each affected process unit such that the measurement is representative of the exhaust emissions (e.g., on or downstream of the last control device);

(2) Performance and equipment specifications for the sample interface, the pollutant concentration or parametric signal analyzer, and the data collection and reduction systems;

(3) Performance evaluation procedures and acceptance criteria (e.g., calibrations, relative accuracy test audits (RATA), etc.);

(4) Ongoing operation and maintenance procedures in accordance with the general requirements of 40 CFR 60.13(d) or 40 CFR 75 (as applicable);

(5) Ongoing data quality assurance procedures in accordance with the general requirements of 40 CFR 60.13 or 40 CFR 75 (as applicable); and

(6) Ongoing recordkeeping and reporting procedures in accordance with the requirements of 40 CFR 60, Subpart Da.

[40 CFR 60.49Da(s)]

aa) **[Add New Provision]:**

(1) Except as provided for under paragraphs (2), (3), and (4) of this provision, the SO₂, NO_x, CO₂, and O₂ CEMS required under paragraphs (b) through (d) of 40 CFR 60.49da shall be installed, certified, and operated in accordance with the applicable procedures in Performance Specification 2 or 3 of 40 CFR 60 Appendix B or according to the procedures in appendices A and B to 40 CFR 75. Daily calibration drift assessments and quarterly accuracy determinations shall be done in accordance with Procedure 1 of 40 CFR 60 Appendix F, and a data assessment report (DAR), prepared according to section 7 of Procedure 1 of 40 CFR 60 Appendix F, shall be submitted with each compliance report required under 40 CFR 60.51da., the owner or operator may elect to implement the following alternative data accuracy assessment procedures:

(2) As an alternative to meeting the requirements of paragraph (1) of this provision, an owner or operator may elect to may elect to implement the following alternative data accuracy assessment procedures. For all required CO₂ and O₂ CEMS and for SO₂ and NO_x CEMS with span values greater than 100 ppm, the daily calibration error test and calibration adjustment procedures described in sections 2.1.1 and 2.1.3 of appendix B to 40 CFR 75 may be followed instead of the CD assessment procedures in Procedure 1, section 4.1 of 40 CFR 60, Appendix F. If this option is selected, the data validation and out-of-control provisions in sections 2.1.4 and 2.1.5 of 40 CFR 75, Appendix B shall be followed instead of the excessive CD and out-of-control criteria in Procedure 1, section 4.3 of 40 CFR 60 Appendix F. For the purposes of data validation under 40 CFR 60 subpart Da, the excessive CD and out-of-control criteria in Procedure 1, section 4.3 of CFR 60 Appendix F shall apply to SO₂ and NO_x span values less than 100 ppm;

(3) As an alternative to meeting the requirements of paragraph (1) of this provision, an owner or operator may elect to may elect to implement the following alternative data accuracy assessment procedures. For all required CO₂ and O₂ CEMS and for SO₂ and NO_x CEMS with span values greater than 30 ppm, quarterly linearity checks may be performed in accordance with section 2.2.1 of 40 CFR 75, Appendix B, instead of performing the cylinder gas audits (CGAs) described in Procedure 1, section 5.1.2 of 40 CFR 60, Appendix F. If this option is selected: The frequency of the linearity checks shall be as specified in section 2.2.1 of 40 CFR 75, Appendix B; the applicable linearity specifications in section 3.2 of appendix A of 40 CFR 75 shall be met; the data validation and out-of-control criteria in section 2.2.3 of 40 CFR 75, Appendix B shall be followed instead of the excessive audit inaccuracy and out-of-control criteria in Procedure 1, section 5.2 of 40 CFR 60, Appendix F; and the grace period provisions in section 2.2.4 of 40 CFR 75, Appendix B shall apply. For the purposes of data validation under 40 CFR 60 Subpart Da, the cylinder gas audits described in Procedure 1, section 5.1.2 of 40 CFR 60, Appendix F shall be performed for SO₂ and NO_x span values less than or equal to 30 ppm;

(4) As an alternative to meeting the requirements of paragraph (1) of this provision, an owner or operator may elect to may elect to implement the following alternative data accuracy assessment procedures. For SO₂, CO₂, and O₂

CEMS and for NO_x CEMS, RATAs may be performed in accordance with section 2.3 of 40 CFR 75, Appendix B instead of following the procedures described in Procedure 1, section 5.1.1 of 40 CFR 60, Appendix F. If this option is selected: The frequency of each RATA shall be as specified in section 2.3.1 of 40 CFR 75, Appendix B; the applicable relative accuracy specifications shown in Figure 2 in 40 CFR 75, Appendix B shall be met; the data validation and out-of-control criteria in section 2.3.2 of 40 CFR 75, Appendix B shall be followed instead of the excessive audit inaccuracy and out-of-control criteria in Procedure 1, section 5.2 of 40 CFR 60, Appendix F; and the grace period provisions in section 2.3.3 of 40 CFR 75, Appendix B shall apply. For the purposes of data validation under 40 CFR 60 Subpart Da, the relative accuracy specification in section 13.2 of Performance Specification 2 in 40 CFR 60, Appendix B shall be met on a lb/MMBtu basis for SO₂ (regardless of the SO₂ emission level during the RATA), and for NO_x when the average NO_x emission rate measured by the reference method during the RATA is less than 0.100 lb/MMBtu;

(5) If the owner or operator elects to implement the alternative data assessment procedures described in paragraphs (2) through (4) of this provision, each data assessment report shall include a summary of the results of all of the RATAs, linearity checks, CGAs, and calibration error or drift assessments required by paragraphs (2) through (4) of this provision.

[40 CFR 60.49Da(w)]

Under the subheading “Test Methods and Procedures”, add the following provisions

(bb) – (gg):

bb) **[Please delete the reference to 40 CFR 60.48a at the bottom of the table in Provision A.41.]**

cc) **[The following provision replaces the existing provision A.42]:**

In conducting the performance tests required in 40 CFR 60.8, the owner or operator shall use as reference methods and procedures the methods in 40 CFR 60, Appendix A or the methods and procedures as specified in 40 CFR 60.50da, except as provided in 40 CFR 60.8(b). 40 CFR 60.8(f) does not apply to this provision for SO₂ and NO_x. Acceptable alternative methods are given in 40 CFR 60.50Da(e). [40 CFR 60.50Da(a)]

dd) **[The following provision replaces the existing provision A.43]:**

Particulate Matter: The owner or operator shall determine compliance with the PM standards in 40 CFR 60.42Da as follows:

(1) The dry basis F factor (O₂) procedures in Method 19 of 40 CFR 60, Appendix A shall be used to compute the emission rate of PM.

(2) For the particular matter concentration, Method 5 of 40 CFR 60, Appendix A shall be used.

(i) The sampling time and sample volume for each run shall be at least 120 minutes and 1.70 dscm (60 dscf). The probe and filter holder heating

system in the sampling train may be set to provide an average gas temperature of no greater than 160 ± 14 °C (320 ± 25 °F).

(ii) For each particulate run, the emission rate correction factor, integrated or grab sampling and analysis procedures of Method 3B of 40 CFR 60, Appendix A shall be used to determine the O₂ concentration. The O₂ sample shall be obtained simultaneously with, and at the same traverse points as, the particulate run. If the particulate run has more than 12 traverse points, the O₂ traverse points may be reduced to 12 provided that Method 1 of 40 CFR 60, Appendix A is used to locate the 12 O₂ traverse points. If the grab sampling procedure is used, the O₂ concentration for the run shall be the arithmetic mean of the sample O₂ concentrations at all traverse points.

(3) Method 9 of 40 CFR 60, Appendix A and the procedures in 40 CFR 60.11 shall be used to determine opacity.

[40 CFR 60.50Da(b)]

ee) **[The following provision replaces the existing provision A.44]:**

Sulfur Dioxide: The owner or operator shall determine compliance with the SO₂ standards in 40 CFR 60.43Da as follows:

(1) The percent of potential SO₂ emissions (%P_s) to the atmosphere shall be computed using the following equation:

$$\%P_s = \frac{(100 - \%R_f)(100 - \%R_g)}{100}$$

Where:

%P_s = Percent of potential SO₂ emissions, percent;

%R_f = Percent reduction from fuel pretreatment, percent; and

%R_g = Percent reduction by SO₂ control system, percent.

(2) The procedures in Method 19 of 40 CFR 60, Appendix A may be used to determine percent reduction (%R_f) of sulfur by such processes as fuel pretreatment (physical coal cleaning, hydrodesulfurization of fuel oil, etc.), coal pulverizers, and bottom and fly ash interactions. This determination is optional.

(3) The procedures in Method 19 of 40 CFR 60 Appendix A shall be used to determine the percent SO₂ reduction (%R_g) of any SO₂ control system. Alternatively, a combination of an "as fired" fuel monitor and emission rates measured after the control system, following the procedures in Method 19 of 40 CFR 60, Appendix A, may be used if the percent reduction is calculated using the average emission rate from the SO₂ control device and the average SO₂ input rate from the "as fired" fuel analysis for 30 successive boiler operating days.

(4) The appropriate procedures in Method 19 of 40 CFR 60, Appendix A shall be used to determine the emission rate.

(5) The CEMS in 40 CFR 60.49Da(b) and (d) shall be used to determine the concentrations of SO₂ and CO₂ or O₂.
[40 CFR 60.50Da(c)]

ff) **[The following provision replaces the existing provision A.45]:**

Nitrogen Oxides: The owner or operator shall determine compliance with the NO_x standard in 40 CFR 60.44Da as follows:

(1) The appropriate procedures in Method 19 of 40 CFR 60 Appendix A shall be used to determine the emission rate of NO_x.

(2) The continuous monitoring system in 40 CFR 60.49Da(c) and (d) shall be used to determine the concentrations of NO_x and CO₂ or O₂.
[40 CFR 60.50Da(d)]

gg) **[The following provision replaces the existing provision A.46]:**

The owner or operator may use the following as alternatives to the reference methods and procedures specified in 40 CFR 60.50Da:

(1) For Method 5 or 5B of 40 CFR 60, Appendix A, Method 17 of 40 CFR 60, Appendix A may be used at facilities if the stack temperature at the sampling location does not exceed an average temperature of 160 °C (320 °F). The procedures of §2.1 and §2.3 of Method 5B of 40 CFR 60, Appendix A may not be used in Method 17 of 40 CFR 60, Appendix A.

(2) The F_c factor (CO₂) procedures in Method 19 of 40 CFR 60, Appendix A may be used to compute the emission rate of PM under the stipulations of 40 CFR 60.46(d)(1). The CO₂ shall be determined in the same manner as the O₂ concentration.
[40 CFR 60.50Da(e)]

Under the subheading “Recordkeeping and Reporting Requirements”, please make the following modifications (hh) – (ss):

hh) **[Add New Provision]:**

For SO₂, NO_x, PM, emissions, the performance test data from the initial and subsequent performance test and from the performance evaluation of the continuous monitors (including the transmissometer) are submitted to the Administrator.

[40 CFR 60.51Da(a)]

ii) **[The following provision replaces the existing provision A.56]:**

For SO₂ and NO_x the following information is reported to the Administrator for each 24-hour period.

- (1) Calendar date.
- (2) The average SO₂ and NO_x emission rates (ng/J or lb/MMBtu) for each 30 successive boiler operating days, ending with the last 30-day period in the quarter; reasons for non-compliance with the emission standards; and, description of corrective actions taken.
- (3) Percent reduction of the potential combustion concentration of SO₂ for each 30 successive boiler operating days, ending with the last 30-day period in the quarter; reasons for non-compliance with the standard; and, description of corrective actions taken.
- (4) Identification of the boiler operating days for which pollutant or diluent data have not been obtained by an approved method for at least 75 percent of the hours of operation of the facility; justification for not obtaining sufficient data; and description of corrective actions taken.
- (5) Identification of the times when emissions data have been excluded from the calculation of average emission rates because of startup, shutdown, malfunction (NO_x only), emergency conditions (SO₂ only), or other reasons, and justification for excluding data for reasons other than startup, shutdown, malfunction, or emergency conditions.
- (6) Identification of "F" factor used for calculations, method of determination, and type of fuel combusted.
- (7) Identification of times when hourly averages have been obtained based on manual sampling methods.
- (8) Identification of the times when the pollutant concentration exceeded full span of the CEMS.
- (9) Description of any modifications to CEMS which could affect the ability of the CEMS to comply with Performance Specifications 2 or 3.

[40 CFR 60.51Da(b)]

jj) [The following provision replaces the existing provision A.57]:

If the minimum quantity of emission data as required by 40 CFR 60.49Da is not obtained for any 30 successive boiler operating days, the following information obtained under the requirements of 40 CFR 60.48Da(h) is reported to the Administrator for that 30-day period:

- (1) The number of hourly averages available for outlet emission rates (n_o) and inlet emission rates (n_i) as applicable.
- (2) The standard deviation of hourly averages for outlet emission rates (s_o) and inlet emission rates (s_i) as applicable.
- (3) The lower confidence limit for the mean outlet emission rate (E_o^*) and the upper confidence limit for the mean inlet emission rate (E_i^*) as applicable.
- (4) The applicable potential combustion concentration.
- (5) The ratio of the upper confidence limit for the mean outlet emission rate (E_o^*) and the allowable emission rate (E_{std}) as applicable.

[40 CFR 60.51Da(c)]

kk) **[The following provision replaces the existing provision A.58]:**

If any standards under 40 CFR 60.43Da are exceeded during emergency conditions because of control system malfunction, the owner or operator of the affected facility shall submit a signed statement:

- (1) Indicating if emergency conditions existed and requirements under 40 CFR 60.48Da(d) were met during each period, and
- (2) Listing the following information:
 - (i) Time periods the emergency condition existed;
 - (ii) Electrical output and demand on the owner or operator's electric utility system and the affected facility;
 - (iii) Amount of power purchased from interconnected neighboring utility companies during the emergency period;
 - (iv) Percent reduction in emissions achieved;
 - (v) Atmospheric emission rate (ng/J) of the pollutant discharged; and
 - (vi) Actions taken to correct control system malfunction.

[40 CFR 60.51Da(d)]

ll) **The existing provision A.59 (“If fuel pretreatment credit toward the SO₂ emission standard...”)** should be deleted.

mm) **[The following provision replaces the existing provision A.60]:**

For any periods for which opacity, SO₂ or NO_x emissions data are not available, the owner or operator of the affected facility shall submit a signed statement indicating if any changes were made in operation of the emission control system during the period of data unavailability. Operations of the control system and affected facility during periods of data unavailability are to be compared with operation of the control system and affected facility before and following the period of data unavailability.

[40 CFR 60.51Da(f)]

nn) **[The following provision replaces the existing provision A.61]:**

The owner or operator of the affected facility shall submit a signed statement indicating whether:

- (1) The required CEMS calibration, span, and drift checks or other periodic audits have or have not been performed as specified.
- (2) The data used to show compliance was or was not obtained in accordance with approved methods and procedures of this part and is representative of plant performance.
- (3) The minimum data requirements have or have not been met; or, the minimum data requirements have not been met for errors that were unavoidable.
- (4) Compliance with the standards has or has not been achieved during the reporting period.

[40 CFR 60.51Da(h)]

oo) **[The following provision replaces the existing provision A.62. The regulatory references are in accordance with provision A.9. of the existing permit]:**

For the purposes of the reports required under 40 CFR 60.7, periods of excess emissions are defined as all 6-minute periods during which the average opacity exceeds the applicable opacity standards under PSD-FL-168, Specific Condition No. 8, and amendment clerked 4/13/98. Opacity levels in excess of the applicable opacity standard and the date of such excesses are to be submitted to the Administrator each calendar quarter.

[40 CFR 60.51Da(i) and PSD-FL-168]

pp) **[The following provision replaces the existing provision A.63]:**

The owner or operator of an affected facility shall submit the written reports required under 40 CFR 60.51Da and 40 CFR 60, subpart A to the Administrator semiannually for each six-month period. All semiannual reports shall be postmarked by the 30th day following the end of each six-month period.

[40 CFR 60.51Da(j)]

qq) **[Add New Provision]:**

The owner or operator of an affected facility may submit electronic quarterly reports for SO₂ and/or NO_x and/or opacity in lieu of submitting the written reports required under 40 CFR 60.51Da (b) and (i). The format of each quarterly electronic report shall be coordinated with the permitting authority. The electronic report(s) shall be submitted no later than 30 days after the end of the calendar quarter and shall be accompanied by a certification statement from the owner or operator, indicating whether compliance with the applicable emission standards and minimum data requirements of 40 CFR 60, Subpart Da was achieved during the reporting period. Before submitting reports in the electronic format, the owner or operator shall coordinate with the permitting authority to obtain their agreement to submit reports in this alternative format.

[40 CFR 60.51Da(k)]

rr) **[Add New Provision]:**

The owner or operator of an affected facility subject to the emissions limitations in 40 CFR 60.45Da shall provide notifications in accordance with 40 CFR 60.7(a) and shall maintain records of all information needed to demonstrate compliance including performance tests, monitoring data, fuel analyses, and calculations, consistent with the requirements of 40 CFR 60.7(f).

[40 CFR 60.52Da]

ss) **The existing provision A.72 ("The owner or operator may use the following as alternatives to the reference methods...") should be deleted.**

Indiantown Cogeneration, L.P.

Indiantown Cogeneration, L.P.
P.O. Box 1799
13303 SW Silver Fox Lane
Indiantown, FL 34956

772.597.6500
Fax: 772.597.6210

April 7, 2008

DEP Bureau of Air Regulation
MS 5505
2600 Blair Stone Road
Tallahassee FL. 32399-2400

VIA FEDERAL EXPRESS

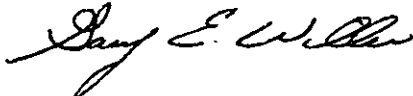
Re: Mercury Budget Program

Dear Sir or Madam:

Pursuant (40 CFR 60.4106, 60.4121, 60.4122, and Rule 62-296.480, FAC), I am submitting DEP Form No. 62-210-900(1)(c) Mercury Budget Part Form for the Indiantown Cogenerating Plant.

Please contact Nicholas Laryea at 772-597-6500, extension 19, if you have any questions.

Sincerely,



Gary E. Willer
General Manager

Enclosure

cc: Nicholas Laryea
Lauren Billheimer
Lee C. Hoefert
File # 2.1.5

Hg Budget Program Instructions for Hg Budget Part Form

(40 CFR 60.4106, 60.4121, 60.4122, and Rule 62-296.480, F.A.C.)

The Hg Budget Program requires the designated representative or alternate designated representative to submit a Hg Budget Part form for each source with a Hg Budget unit. A complete Certificate of Representation must be received by EPA before the Hg Budget Part form is submitted to the DEP.

DEFINITIONS:

- *CFR* - Code of Federal Regulations
- *DOE* - U.S. Department of Energy
- *EIA* - U.S. Energy Information Agency
- *F.A.C.* - Florida Administrative Code
- *DEP* - Florida Department of Environmental Protection
- *Hg* - Mercury
- *ORIS* - Office of Regulatory Information Systems

Please type or print. The alternate designated representative may sign in lieu of the designated representative. If assistance is needed, contact the DEP Bureau of Air Regulation at (850) 488-0114.

- STEP 1** Use the plant name and ORIS Code listed on the Certificate of Representation for the plant. An ORIS code is a 4 digit number assigned by the EIA at the DOE to power plants owned by utilities. If the plant is not owned by a utility but has a 5 digit plant code (also assigned by EIA), use the plant code. If no code has been assigned or if there is uncertainty regarding what the code number is, contact EIA at (202) 586-2402.
- STEP 2** For column "a," identify each Hg Budget unit at the Hg Budget source by providing the appropriate unit identification numbers, consistent with the unit identification numbers entered on the Certificate of Representation and with unit identification numbers used in reporting to DOE and/or EIA. For new units without identification numbers, owners and operators may assign such numbers consistent with EIA and DOE requirements. For column "b" enter "X" if the unit will hold Hg allowance in accordance with 40 CFR 60.4106(c)(1). For columns "c" and "d," enter the expected commence commercial operation date and expected monitor certification deadline for each new unit in accordance with 40 CFR 60.4102 and 40 CFR 60.4170(b).
- STEP 3** Read the standard requirements.
- STEP 4** Read the certification statement; provide name, title, owner company name, phone, and e-mail address; sign, and date.

Submission deadlines: See Rule 62-213.420, F.A.C.

Submit this form to: DEP Bureau of Air Regulation
MS 5505
2600 Blair Stone Rd
Tallahassee, FL 32399-2400

Hg Budget Part

For more information, see instructions and refer to 40 CFR 60.4106, 60.4121, 60.4122; and Rule 62-296.480, F.A.C.

This submission is: New Revised Renewal

STEP 1

Identify the source by plant name and ORIS or plant code

Plant Name: INDIANTOWN COGENERATION LIMITED PARTNERSHIP	State: Florida	ORIS or EIA Plant Code 50976
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STEP 2

In column "a" enter the unit ID# for every Hg Budget unit at the Hg Budget source.

In column "b" enter "X" if the unit will hold Hg allowances in accordance with 40 CFR 60.4106(c)(1).

For new units, enter the requested information in columns "c" and "d."

a	b	c	d
Unit ID#	Unit will hold Hg allowances in accordance with 40 CFR 60.4106(c)(1)	New Units Expected Commence Commercial Operation Date	New Units Expected Monitor Certification Deadline
01	X		

HG BUDGET TRADING PROGRAM

STEP 3

Read the standard requirements.

Hg Budget Part Requirements.

- (1) The Hg designated representative of each Hg Budget source and each Hg Budget at the source shall:
 - (i) Submit to the DEP a complete Hg Budget Part form under 40 CFR 60.4122 and Rule 62-296.480, F.A.C., in accordance with the deadlines specified in Rule 62-213.420, F.A.C.; and
 - (ii) [Reserved]
- (2) The owners and operators of each Hg Budget and each Hg Budget unit at the source shall have a Hg Budget Part included in the Title V operating permit issued by the DEP under Rule 62-296.480, F.A.C., for the source and operate the source and the unit in compliance with such Hg Budget Part.

Monitoring, Reporting, and Recordkeeping Requirements.

- (1) The owners and operators, and the Hg designated representative, of each Hg Budget source and each Hg Budget unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of 40 CFR 60.4170 through 60.4176.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR 60.4170 through 60.4176 shall be used to determine compliance by each Hg Budget source with the following Hg Emission Requirements.

Hg Emission Requirements.

- (1) As of the allowance transfer deadline for a control period, the owners and operators of each Hg Budget source and each Hg Budget unit at the source shall hold, in the source's compliance account, Hg allowances available for compliance deductions for the control period under 40 CFR 60.4154(a) in an amount not less than the ounces of total mercury emissions for the control period from all Hg Budget units at the source, as determined in accordance with 40 CFR 60.4170 through 60.4176.
- (2) A Hg Budget unit shall be subject to the requirements under paragraph (1) of the Hg Emission Requirements starting on the later of January 1, 2010, or the deadline for meeting the unit's monitor certification requirements under 40 CFR 60.4170(b)(1) or (2).
- (3) A Hg allowance shall not be deducted, for compliance with the requirements under paragraph (1) of the Hg Emission Requirements, for a control period in a calendar year before the year for which the Hg allowance was allocated.
- (4) Hg allowances shall be held in, deducted from, or transferred into or among Hg Allowance Tracking System accounts in accordance with 40 CFR 60.4160 through 60.4162.
- (5) A Hg allowance is a limited authorization to emit one ounce of mercury in accordance with the Hg Budget Trading Program. No provision of the Hg Budget Trading Program, the Hg Budget Part, or an exemption under 40 CFR 60.4105 and no provision of law shall be construed to limit the authority of the state or the United States to terminate or limit such authorization.
- (6) A Hg allowance does not constitute a property right.
- (7) Upon recordation by the Administrator under 40 CFR 60.4150 through 60.4162, every allocation, transfer, or deduction of a Hg allowance to or from a Hg Budget unit's compliance account is incorporated automatically in any Hg Budget Part of the source that includes the Hg Budget unit.

Excess Emissions Requirements.

- (1) If a Hg Budget source emits mercury during any control period in excess of the Hg Budget emissions limitation, then:
 - (i) The owners and operators of the source and each Hg Budget unit at the source shall surrender the Hg allowances required for deduction under 40 CFR 60.4154(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable State law; and
 - (ii) Each ounce of such excess emissions and each day of such control period shall constitute a separate violation of this 40 CFR Part 60, Subpart HHHH, the Clean Air Act, and applicable state law.
- (2) [Reserved.]

Recordkeeping and Reporting Requirements.

- (1) Unless otherwise provided, the owners and operators of the Hg Budget source and each Hg Budget unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the DEP or the Administrator.
 - (i) The certificate of representation under 40 CFR 60.4113 for the Hg designated representative for the source and each Hg Budget unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation under 40 CFR 60.4113 changing the Hg designated representative.
 - (ii) All emissions monitoring information, in accordance with 40 CFR 60.4170 through 60.4176, provided that to the extent that 40 CFR 60.4170 through 60.4176 provides for a 3-year period for recordkeeping, the 3-year period shall apply.
 - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Hg Budget Trading Program.
 - (iv) Copies of all documents used to complete a Hg Budget Part form and any other submission under the Hg Budget Trading Program or to demonstrate compliance with the requirements of the Hg Budget Trading Program.
- (2) The Hg designated representative of a Hg Budget source and each Hg Budget unit at the source shall submit the reports required under the Hg Budget Trading Program, including those under 40 CFR 60.4170 through 60.4176.

Plant Name (from Step 1) INDIANTOWN COGENERATION LIMITED PARTNERSHIP

Liability.

- (1) Each Hg Budget source and each Hg Budget unit shall meet the requirements of the Hg Budget Trading Program.
- (2) Any provision of the Hg Budget Trading Program that applies to a Hg Budget source or the Hg designated representative of a Hg Budget source shall also apply to the owners and operators of such source and of the Hg Budget units at the source.
- (3) Any provision of the Hg Budget Trading Program that applies to a Hg Budget unit or the Hg designated representative of a Hg Budget unit shall also apply to the owners and operators of such unit.

Effect on Other Authorities.

No provision of the Hg Budget Trading Program, a Hg Budget Part, or an exemption under 40 CFR 60.4105 shall be construed as exempting or excluding the owners and operators, and the Hg designated representative, of a Hg Budget source or Hg Budget unit from compliance with any other provision of the applicable, approved State Implementation Plan, a Federally enforceable permit, or the Clean Air Act.

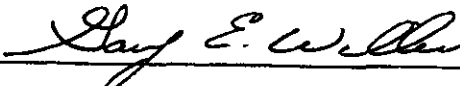
**STEP 3,
Continued**

STEP 4

Certification (for designated representative or alternate designated representative only)

Read the certification statement; provide name, title, owner company name, phone, and e-mail address; sign, and date.

I am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name: GARY E. WILLER		Title: GENERAL MANAGER	
Company Owner Name: INDIANTOWN COGENERATION LIMITED PARTNERSHIP			
Phone: (772)-597-6500 Ext. 25		E-mail Address: GaryWiller@Cogentrix.com	
Signature 		Date 4/7/08	

Indiantown Cogeneration, L.P.

Indiantown Cogeneration, L.P.
P.O. Box 1799
13303 SW Silver Fox Lane
Indiantown, FL 34956

772.597.6500
Fax: 772.597.8210

April 7, 2008

DEP Bureau of Air Regulation
MS 5505
2600 Blair Stone Road
Tallahassee FL. 32399-2400

VIA FEDERAL EXPRESS

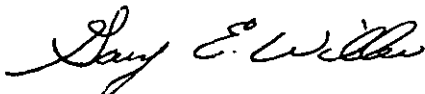
Re: Clean Air Interstate Rule (CAIR) Program

Dear Sir or Madam:

Pursuant (40 CFR 96.121, 96.122, 96.221, 96.222, 96.321, 96.322 and Rule 62-296.470, FAC), I am submitting DEP Form No. 62-210-900(1)(b) CAIR Part Form for the Indiantown Cogenerating Plant.

Please contact Nicholas Laryea at 772-597-6500, extension 19, if you have any questions.

Sincerely,



Gary E. Willer
General Manager

Enclosure

cc: Nicholas Laryea
Lauren Billheimer
Lee C. Hoefert
File # 2.1.5

Clean Air Interstate Rule (CAIR) Program

Instructions for CAIR Part Form

(40 CFR 96.121, 96.122, 96.221, 96.222, 96.321, 96.322,
and Rule 62-296.470, F.A.C.)

~~The CAIR Program requires the designated representative or alternate designated representative to submit a CAIR Part form for each source with a CAIR unit. A complete Certificate of Representation must be received by EPA before the CAIR Part form is submitted to the DEP Bureau of Air Regulation.~~

DEFINITIONS:

- "CAIR" – Clean Air Interstate Rule
- "CFR" - Code of Federal Regulations
- "DOE" - U.S. Department of Energy
- "EIA" – U.S. Energy Information Agency
- "F.A.C." - Florida Administrative Code
- "DEP" - Florida Department of Environmental Protection
- "NO_x" – Nitrogen oxides
- "ORIS" - Office of Regulatory Information Systems
- "SO₂" – Sulfur dioxide

Please type or print. The alternate designated representative may sign in lieu of the designated representative. If assistance is needed, contact the DEP Bureau of Air Regulation at (850) 488-0114.

- STEP 1** Use the plant name and ORIS Code listed on the Certificate of Representation for the plant. An ORIS code is a 4-digit number assigned by the EIA at the DOE to power plants owned by utilities. If the plant is not owned by a utility but has a 5-digit plant code (also assigned by EIA), use the plant code. If no code has been assigned or if there is uncertainty regarding what the code number is, contact EIA at (202) 586-2402.
- STEP 2** For column "a," identify each CAIR unit at the CAIR source by providing the appropriate unit identification numbers, consistent with the unit identification numbers entered on the Certificate of Representation and with unit identification numbers used in reporting to DOE and/or EIA. For new units without identification numbers, owners and operators may assign such numbers consistent with EIA and DOE requirements. For columns "b," "c," and "d," indicate to which CAIR program(s) each unit is subject by placing an "X" in the column(s). For columns "e" and "f," enter the expected commence commercial operation date(s) and expected monitor certification deadline(s) for new units in accordance with 40 CFR 96.102, 96.202, and 96.302; and 40 CFR 96.170(b), 96.270(b), and 96.370(b), respectively.
- STEP 3** Read the standard requirements.
- STEP 4** Read the certification statement; provide name, title, owner company name, phone, and e-mail address; sign, and date.

Submission deadlines: See Rule 62-213.420, F.A.C.

Submit this form to: DEP Bureau of Air Regulation
MS 5505
2600 Blair Stone Rd
Tallahassee, FL 32399-2400

Clean Air Interstate Rule (CAIR) Part

For more information, see instructions and refer to 40 CFR 96.121, 96.122, 96.221, 96.222, 96.321 and 96.322; and Rule 62-296.470, F.A.C.

This submission is: New Revised Renewal

STEP 1

Identify the source by plant name and ORIS or EIA plant code

Plant Name: INDIANTOWN COGENERATION LIMITED PARTNERSHIP	State: Florida	ORIS or EIA Plant Code: 50976
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STEP 2

In column "a" enter the unit ID# for every CAIR unit at the CAIR source.

In columns "b," "c," and "d," indicate to which CAIR program(s) each unit is subject by placing an "X" in the column(s).

For new units, enter the requested information in columns "e" and "f."

a	b	c	d	e	f
Unit ID#	Unit will hold nitrogen oxides (NO _x) allowances in accordance with 40 CFR 96.106(c)(1)	Unit will hold sulfur dioxide (SO ₂) allowances in accordance with 40 CFR 96.206(c)(1)	Unit will hold NO _x Ozone Season allowances in accordance with 40 CFR 96.306(c)(1)	New Units Expected Commence Commercial Operation Date	New Units Expected Monitor Certification Deadline
01	X	X	X		

Plant Name (from STEP 1)
INDIANTOWN COGENERATION LIMITED PARTNERSHIP

STEP 3

Read the
standard
requirements.

CAIR NO_x ANNUAL TRADING PROGRAM

CAIR Part Requirements.

- (1) The CAIR designated representative of each CAIR NO_x source and each CAIR NO_x unit at the source shall:
 - (i) Submit to the DEP a complete and certified CAIR Part form under 40 CFR 96.122 and Rule 62-296.470, F.A.C., in accordance with the deadlines specified in Rule 62-213.420, F.A.C.; and
 - (ii) [Reserved];
- (2) The owners and operators of each CAIR NO_x source and each CAIR NO_x unit at the source shall have a CAIR Part included in the Title V operating permit issued by the DEP under 40 CFR Part 96, Subpart CC, and operate the source and the unit in compliance with such CAIR Part.

Monitoring, Reporting, and Recordkeeping Requirements.

- (1) The owners and operators, and the CAIR designated representative, of each CAIR NO_x source and each CAIR NO_x unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of 40 CFR Part 96, Subpart HH, and Rule 62-296.470, F.A.C.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR Part 96, Subpart HH, shall be used to determine compliance by each CAIR NO_x source with the following CAIR NO_x Emissions Requirements.

NO_x Emission Requirements.

- (1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR NO_x source and each CAIR NO_x unit at the source shall hold, in the source's compliance account, CAIR NO_x allowances available for compliance deductions for the control period under 40 CFR 96.154(a) in an amount not less than the tons of total NO_x emissions for the control period from all CAIR NO_x units at the source, as determined in accordance with 40 CFR Part 96, Subpart HH.
- (2) A CAIR NO_x unit shall be subject to the requirements under paragraph (1) of the NO_x Requirements starting on the later of January 1, 2009, or the deadline for meeting the unit's monitor certification requirements under 40 CFR 96.170(b)(1) or (2) and for each control period thereafter.
- (3) A CAIR NO_x allowance shall not be deducted, for compliance with the requirements under paragraph (1) of the NO_x Requirements, for a control period in a calendar year before the year for which the CAIR NO_x allowance was allocated.
- (4) CAIR NO_x allowances shall be held in, deducted from, or transferred into or among CAIR NO_x Allowance Tracking System accounts in accordance with 40 CFR Part 96, Subparts FF and GG.
- (5) A CAIR NO_x allowance is a limited authorization to emit one ton of NO_x in accordance with the CAIR NO_x Annual Trading Program. No provision of the CAIR NO_x Annual Trading Program, the CAIR Part, or an exemption under 40 CFR 96.105 and no provision of law shall be construed to limit the authority of the state or the United States to terminate or limit such authorization.
- (6) A CAIR NO_x allowance does not constitute a property right.
- (7) Upon recordation by the Administrator under 40 CFR Part 96, Subpart EE, FF, or GG, every allocation, transfer, or deduction of a CAIR NO_x allowance to or from a CAIR NO_x unit's compliance account is incorporated automatically in any CAIR Part of the source that includes the CAIR NO_x unit.

Excess Emissions Requirements.

If a CAIR NO_x source emits NO_x during any control period in excess of the CAIR NO_x emissions limitation, then:

- (1) The owners and operators of the source and each CAIR NO_x unit at the source shall surrender the CAIR NO_x allowances required for deduction under 40 CFR 96.154(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable state law; and
- (2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of 40 CFR Part 96, Subpart AA, the Clean Air Act, and applicable state law.

Recordkeeping and Reporting Requirements.

- (1) Unless otherwise provided, the owners and operators of the CAIR NO_x source and each CAIR NO_x unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the DEP or the Administrator.
 - (i) The certificate of representation under 40 CFR 96.113 for the CAIR designated representative for the source and each CAIR NO_x unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation under 40 CFR 96.113 changing the CAIR designated representative.
 - (ii) All emissions monitoring information, in accordance with 40 CFR Part 96, Subpart HH, of this part, provided that to the extent that 40 CFR Part 96, Subpart HH, provides for a 3-year period for recordkeeping, the 3-year period shall apply.
 - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR NO_x Annual Trading Program.
 - (iv) Copies of all documents used to complete a CAIR Part form and any other submission under the CAIR NO_x Annual Trading Program or to demonstrate compliance with the requirements of the CAIR NO_x Annual Trading Program.
- (2) The CAIR designated representative of a CAIR NO_x source and each CAIR NO_x unit at the source shall submit the reports required under the CAIR NO_x Annual Trading Program, including those under 40 CFR Part 96, Subpart HH.

**STEP 3,
Continued**

Liability.

- (1) Each CAIR NO_x source and each CAIR NO_x unit shall meet the requirements of the CAIR NO_x Annual Trading Program.
- (2) Any provision of the CAIR NO_x Annual Trading Program that applies to a CAIR NO_x source or the CAIR designated representative of a CAIR NO_x source shall also apply to the owners and operators of such source and of the CAIR NO_x units at the source.
- (3) Any provision of the CAIR NO_x Annual Trading Program that applies to a CAIR NO_x unit or the CAIR designated representative of a CAIR NO_x unit shall also apply to the owners and operators of such unit.

Effect on Other Authorities.

No provision of the CAIR NO_x Annual Trading Program, a CAIR Part, or an exemption under 40 CFR 96.105 shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR NO_x source or CAIR NO_x unit from compliance with any other provision of the applicable, approved State Implementation Plan, a federally enforceable permit, or the Clean Air Act.

CAIR SO₂ TRADING PROGRAM

CAIR Part Requirements.

- (1) The CAIR designated representative of each CAIR SO₂ source and each CAIR SO₂ unit at the source shall:
 - (i) Submit to the DEP a complete and certified CAIR Part form under 40 CFR 96.222 and Rule 62-296.470, F.A.C., in accordance with the deadlines specified in Rule 62-213.420, F.A.C.; and
 - (ii) [Reserved];
- (2) The owners and operators of each CAIR SO₂ source and each CAIR SO₂ unit at the source shall have a CAIR Part included in the Title V operating permit issued by the DEP under 40 CFR Part 96, Subpart CCC, for the source and operate the source and each CAIR unit in compliance with such CAIR Part.

Monitoring, Reporting, and Recordkeeping Requirements.

- (1) The owners and operators, and the CAIR designated representative, of each CAIR SO₂ source and each SO₂ CAIR unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of 40 CFR Part 96, Subpart HHH, and Rule 62-296.470, F.A.C.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR Part 96, Subpart HHH, shall be used to determine compliance by each CAIR SO₂ source with the following CAIR SO₂ Emission Requirements.

SO₂ Emission Requirements.

- (1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR SO₂ source and each CAIR SO₂ unit at the source shall hold, in the source's compliance account, a tonnage equivalent in CAIR SO₂ allowances available for compliance deductions for the control period, as determined in accordance with 40 CFR 96.254(a) and (b), not less than the tons of total sulfur dioxide emissions for the control period from all CAIR SO₂ units at the source, as determined in accordance with 40 CFR Part 96, Subpart HHH.
- (2) A CAIR SO₂ unit shall be subject to the requirements under paragraph (1) of the Sulfur Dioxide Emission Requirements starting on the later of January 1, 2010 or the deadline for meeting the unit's monitor certification requirements under 40 CFR 96.270(b)(1) or (2) and for each control period thereafter.
- (3) A CAIR SO₂ allowance shall not be deducted, for compliance with the requirements under paragraph (1) of the SO₂ Emission Requirements, for a control period in a calendar year before the year for which the CAIR SO₂ allowance was allocated.
- (4) CAIR SO₂ allowances shall be held in, deducted from, or transferred into or among CAIR SO₂ Allowance Tracking System accounts in accordance with 40 CFR Part 96, Subparts FFF and GGG.
- (5) A CAIR SO₂ allowance is a limited authorization to emit sulfur dioxide in accordance with the CAIR SO₂ Trading Program. No provision of the CAIR SO₂ Trading Program, the CAIR Part, or an exemption under 40 CFR 96.205 and no provision of law shall be construed to limit the authority of the state or the United States to terminate or limit such authorization.
- (6) A CAIR SO₂ allowance does not constitute a property right.
- (7) Upon recordation by the Administrator under 40 CFR Part 96, Subpart FFF or GGG, every allocation, transfer, or deduction of a CAIR SO₂ allowance to or from a CAIR SO₂ unit's compliance account is incorporated automatically in any CAIR Part of the source that includes the CAIR SO₂ unit.

Excess Emissions Requirements.

If a CAIR SO₂ source emits SO₂ during any control period in excess of the CAIR SO₂ emissions limitation, then:

- (1) The owners and operators of the source and each CAIR SO₂ unit at the source shall surrender the CAIR SO₂ allowances required for deduction under 40 CFR 96.254(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable state law; and
- (2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of 40 CFR Part 96, Subpart AAA, the Clean Air Act, and applicable state law.

STEP 3,
Continued

Recordkeeping and Reporting Requirements.

(1) Unless otherwise provided, the owners and operators of the CAIR SO₂ source and each CAIR SO₂ unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the Department or the Administrator.

(i) The certificate of representation under 40 CFR 96.213 for the CAIR designated representative for the source and each CAIR SO₂ unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation under 40 CFR 96.213 changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with 40 CFR Part 96, Subpart HHH, of this part, provided that to the extent that 40 CFR Part 96, Subpart HHH, provides for a 3-year period for recordkeeping, the 3-year period shall apply.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR SO₂ Trading Program.

(iv) Copies of all documents used to complete a CAIR Part form and any other submission under the CAIR SO₂ Trading Program or to demonstrate compliance with the requirements of the CAIR SO₂ Trading Program.

(2) The CAIR SO₂ designated representative of a CAIR SO₂ source and each CAIR SO₂ unit at the source shall submit the reports required under the CAIR SO₂ Trading Program, including those under 40 CFR Part 96, Subpart HHH.

Liability.

(1) Each CAIR SO₂ source and each CAIR SO₂ unit shall meet the requirements of the CAIR SO₂ Trading Program.

(2) Any provision of the CAIR SO₂ Trading Program that applies to a CAIR SO₂ source or the CAIR designated representative of a CAIR SO₂ source shall also apply to the owners and operators of such source and of the CAIR SO₂ units at the source.

(3) Any provision of the CAIR SO₂ Trading Program that applies to a CAIR SO₂ unit or the CAIR designated representative of a CAIR SO₂ unit shall also apply to the owners and operators of such unit.

Effect on Other Authorities.

No provision of the CAIR SO₂ Trading Program, a CAIR Part, or an exemption under 40 CFR 96.205 shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR SO₂ source or CAIR SO₂ unit from compliance with any other provision of the applicable, approved State Implementation Plan, a federally enforceable permit, or the Clean Air Act.

CAIR NO_x OZONE SEASON TRADING PROGRAM

CAIR Part Requirements.

(1) The CAIR designated representative of each CAIR NO_x Ozone Season source and each CAIR NO_x Ozone Season unit at the source shall:

(i) Submit to the DEP a complete and certified CAIR Part form under 40 CFR 96.322 and Rule 62-296.470, F.A.C., in accordance with the deadlines specified in Rule 62-213.420, F.A.C.; and

(ii) [Reserved];

(2) The owners and operators of each CAIR NO_x Ozone Season source required to have a Title V operating permit or air construction permit, and each CAIR NO_x Ozone Season unit required to have a Title V operating permit or air construction permit at the source shall have a CAIR Part included in the Title V operating permit or air construction permit issued by the DEP under 40 CFR Part 96, Subpart CCCC, for the source and operate the source and the unit in compliance with such CAIR Part.

Monitoring, Reporting, and Recordkeeping Requirements.

(1) The owners and operators, and the CAIR designated representative, of each CAIR NO_x Ozone Season source and each CAIR NO_x Ozone Season unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of 40 CFR Part 96, Subpart HHHH, and Rule 62-296.470, F.A.C.

(2) The emissions measurements recorded and reported in accordance with 40 CFR Part 96, Subpart HHHH, shall be used to determine compliance by each CAIR NO_x Ozone Season source with the following CAIR NO_x Ozone Season Emissions Requirements.

NO_x Ozone Season Emission Requirements.

(1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR NO_x Ozone Season source and each CAIR NO_x Ozone Season unit at the source shall hold, in the source's compliance account, CAIR NO_x Ozone Season allowances available for compliance deductions for the control period under 40 CFR 96.354(a) in an amount not less than the tons of total NO_x emissions for the control period from all CAIR NO_x Ozone Season units at the source, as determined in accordance with 40 CFR Part 96, Subpart HHHH.

(2) A CAIR NO_x Ozone Season unit shall be subject to the requirements under paragraph (1) of the NO_x Ozone Season Emission Requirements starting on the later of May 1, 2009 or the deadline for meeting the unit's monitor certification requirements under 40 CFR 96.370(b)(1), (2), or (3) and for each control period thereafter.

(3) A CAIR NO_x Ozone Season allowance shall not be deducted, for compliance with the requirements under paragraph (1) of the NO_x Ozone Season Emission Requirements, for a control period in a calendar year before the year for which the CAIR NO_x Ozone Season allowance was allocated.

(4) CAIR NO_x Ozone Season allowances shall be held in, deducted from, or transferred into or among CAIR NO_x Ozone Season Allowance Tracking System accounts in accordance with 40 CFR Part 96, Subparts FFFF and GGGG.

(5) A CAIR NO_x Ozone Season allowance is a limited authorization to emit one ton of NO_x in accordance with the CAIR NO_x Ozone Season Trading Program. No provision of the CAIR NO_x Ozone Season Trading Program, the CAIR Part, or an exemption under 40 CFR 96.305 and no provision of law shall be construed to limit the authority of the state or the United States to terminate or limit such authorization.

(6) A CAIR NO_x Ozone Season allowance does not constitute a property right.

(7) Upon recordation by the Administrator under 40 CFR Part 96, Subpart EEEE, FFFF or GGGG, every allocation, transfer, or deduction of a CAIR NO_x Ozone Season allowance to or from a CAIR NO_x Ozone Season unit's compliance account is incorporated automatically in any CAIR Part of the source that includes the CAIR NO_x Ozone Season unit.

Plant Name (from STEP 1) **INDIANTOWN COGENERATION LIMITED PARTNERSHIP**
Excess Emissions Requirements.

STEP 3,
Continued

If a CAIR NO_x Ozone Season source emits NO_x during any control period in excess of the CAIR NO_x Ozone Season emissions limitation, then:
 (1) The owners and operators of the source and each CAIR NO_x Ozone Season unit at the source shall surrender the CAIR NO_x Ozone Season allowances required for deduction under 40 CFR 98.354(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable state law; and
 (2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of 40 CFR Part 98, Subpart AAAA, the Clean Air Act, and applicable state law.

Recordkeeping and Reporting Requirements.

- (1) Unless otherwise provided, the owners and operators of the CAIR NO_x Ozone Season source and each CAIR NO_x Ozone Season unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the DEP or the Administrator.
- (i) The certificate of representation under 40 CFR 98.313 for the CAIR designated representative for the source and each CAIR NO_x Ozone Season unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation under 40 CFR 98.113 changing the CAIR designated representative.
 - (ii) All emissions monitoring information, in accordance with 40 CFR Part 98, Subpart HHHH, of this part, provided that to the extent that 40 CFR Part 98, Subpart HHHH, provides for a 3-year period for recordkeeping, the 3-year period shall apply.
 - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR NO_x Ozone Season Trading Program.
 - (iv) Copies of all documents used to complete a CAIR Part form and any other submission under the CAIR NO_x Ozone Season Trading Program or to demonstrate compliance with the requirements of the CAIR NO_x Ozone Season Trading Program.
- (2) The CAIR designated representative of a CAIR NO_x Ozone Season source and each CAIR NO_x Ozone Season unit at the source shall submit the reports required under the CAIR NO_x Ozone Season Trading Program, including those under 40 CFR Part 98, Subpart HHHH.

Liability.

- (1) Each CAIR NO_x Ozone Season source and each CAIR NO_x Ozone Season unit shall meet the requirements of the CAIR NO_x Ozone Season Trading Program.
- (2) Any provision of the CAIR NO_x Ozone Season Trading Program that applies to a CAIR NO_x Ozone Season source or the CAIR designated representative of a CAIR NO_x Ozone Season source shall also apply to the owners and operators of such source and of the CAIR NO_x Ozone Season units at the source.
- (3) Any provision of the CAIR NO_x Ozone Season Trading Program that applies to a CAIR NO_x Ozone Season unit or the CAIR designated representative of a CAIR NO_x Ozone Season unit shall also apply to the owners and operators of such unit.

Effect on Other Authorities.

No provision of the CAIR NO_x Ozone Season Trading Program, a CAIR Part, or an exemption under 40 CFR 98.305 shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR NO_x Ozone Season source or CAIR NO_x Ozone Season unit from compliance with any other provision of the applicable, approved State Implementation Plan, a federally enforceable permit, or the Clean Air Act.

STEP 4

Certification (for designated representative or alternate designated representative only)

Read the certification statement; provide name, title, owner company name, phone, and e-mail address; sign, and date.

I am authorized to make this submission on behalf of the owners and operators of the CAIR source or CAIR units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

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Signature <i>Gary E. Willer</i>		Date 4/7/08	