

# Indiantown Cogeneration, L.P.

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DIVISION OF AIR  
RESOURCE MANAGEMENT

July 25, 2012

Florida Department of Environmental Protection  
Division of Air Resource Management  
Permitting South Section  
Mail Station # 5505  
2600 Blair Stone Road  
Tallahassee, FL 32399

**VIA FEDERAL EXPRESS**

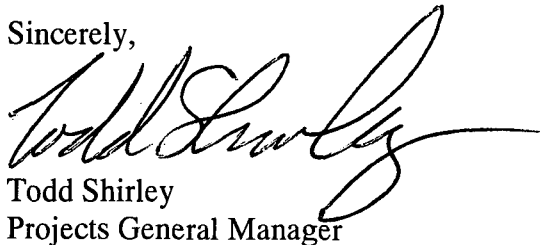
**Indiantown Cogeneration L. P. (PDS-FL-168/SCA 90-31) CAM**  
**Re: Semi-Annual Monitoring Report (January 1<sup>st</sup>, 2012 to June 30th, 2012)**

Pursuant to **Condition 15** of ICLP CAM plan and Rules **62-213.440(1)(b)3.a**, F.A.C, I am submitting ICLP's Semi-Annual CAM monitoring report.

As a responsible official I certify that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete.

Should you have any questions please contact Nicholas Laryea at 772-597-6500 X 19.

Sincerely,



Todd Shirley  
Projects General Manager

cc: N. Laryea  
Lennon Anderson  
File # 2.4.10

**SEMI-ANNUAL OPACITY CAM CERTIFICATION**

[Rule 62-213.440(1)(b)3.a., F.A.C.]


<b>Facility Name:</b>	Indiantown Cogeneration, LP	<b>Plant Name:</b>	Indiantown Generating Plant
<b>Contact Person:</b>	Mr. Nicholas Laryea	<b>Title:</b>	Environmental Manager
<b>Operating Permit #:</b>	0850102-019-AV	<b>Phone Number:</b>	772-597-6500

For the period **January 1<sup>st</sup>, 2012 thru June 30<sup>th</sup>, 2012**. Indiantown Cogeneration, L.P. has been in continuous compliance with all applicable requirements of permit # 0850102-019-AV, as determined by the method(s) of compliance specified in said permit.

Sect./Cond. #	Citation #	Source	Noncompliance	Monitoring Method(s)	Date	Duration	Corrective Action(s)

**Certification of Truth, Accuracy and Completeness**

Subject to the requirements of 62-213.440(3) and 62-213.420(4), F.A.C, I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this form are true, accurate, and complete.

<b>Name:</b>	Todd Shirley	<b>Title:</b>	Projects General Manager
<b>Signed:</b>		<b>Date:</b>	July 25, 2012

*The certification above is signed by a responsible official. Additional information regarding the certification requirements and how this submission meets those requirements is included on the attached page.*

***Certification Requirements***

This certification meets the requirements of Condition 15 of The Compliance Assurance Monitoring Requirements (version dated 12/12/02)  
That condition is repeated below:

**1. General reporting requirements.**

a. On and after the date specified in CAM condition 5 (commence of operation) by which the owner or operator must use monitoring that meets the requirements of this appendix, the owner or operator shall submit monitoring reports semi-annually to the permitting authority in accordance with Rule 62-213.440(1)(b) 3.a., F.A.C.

b. A report for monitoring under this part shall include, at a minimum, the information required under Rule 62-213.440(1)(b)3.a., F.A.C., and the following information, as applicable:

(i) Summary information on the number, duration and cause (including unknown cause, if applicable) of excursions or exceedances, as applicable, and the corrective actions taken;

(ii) Summary information on the number, duration and cause (including unknown cause, if applicable) for monitor downtime incidents (other than downtime associated with zero and span or other daily calibration checks, if applicable); and

(iii) A description of the actions taken to implement a QIP during the reporting period as specified in CAM Conditions 10 thru 14 (QIP implementation)

Upon completion of a QIP, the owner or operator shall include in the next summary report documentation that the implementation of the plan has been completed and reduced the likelihood of similar levels of excursions or exceedances occurring.

[40 CFR 64.9(a)]

**Indiantown Cogeneration L.P.**

**Compliance Certification Checklist**

Year: 2012 Completed by: Wick Langer

		met.		
A.43 & A.55	Emission Testing	Emission testing is conducted as prescribed	✓	
A.56				

EMISSION UNIT OPERATING CAPACITY LIMITS					COMPLIANT	
Emission Unit	Specific Condition	Description	Limit	Fuel Type	Yes	No
EU 001	A.5.	Permitted Capacity	3,422 MMBTU/hour	Coal	✓	

EMISSION UNIT EMISSION LIMITS					COMPLIANT	
Emission Unit	Description	Pollutant	Basis, lb/MMBTU	Limit, lb/hour	Yes	No
001	<b>Pulverized Coal Main Boiler</b>	Sulfur Dioxide	0.170	582	✓	
		Nitrogen oxides	0.170	582	✓	
		Particulate Matter	0.018	61.6	✓	
		PM <sub>10</sub>	0.018	61.6	✓	
		Carbon monoxide	0.110	376	✓	
		Volatile Organic compounds	0.0036	12.32	✓	
		Sulfuric acid mist	0.0004	1.45	✓	
		Beryllium	0.0000027	0.0094	✓	
		Mercury	0.0000114	0.039	✓	
		Lead	0.0000187	0.064	✓	
	Fluorides	0.0015	5.08	✓		
	Arsenic	0.000051	0.18	✓		

Indiantown Cogeneration L.P.

Compliance Certification Checklist

Year: 2012 Completed by: Nick Lange

EU 001 Pulverized Coal Main Boiler

Condition	Description	Compliance	Compliant	
			Yes	No
A.3.	Control Device Malfunction	No Coal burning without spray dryer scrubber, fabric filter baghouse and other air pollution control devices operating properly.	✓	
A.4.	Flue Gas Bypass	No fraction of flue gas allowed to bypass the pollution control devices [PCD] resulting in exceeding A.9 limits. The amount and percentage of bypassing the PCD shall be documented.	✓	
A.7	Methods of Operation – Fuels	Only allowed fuels are coal, No. 2 fuel oil [new oil only], natural gas and propane.	✓	
A.9.	Visible Emissions	Visible Emissions shall not exceed 10% opacity with one 6-minute per hour of not more than 27% opacity	✓	
A.10	Limits	Emissions not exceeded for any permit listed Pollutant	✓	
A.11	Ammonia	Ammonia in Slip exhaust gases did not exceed 50 ppmv	✓	
A.12	Sulfur Dioxide – Coal Only	30 day averages did not exceed permit limits	✓	
A.13 and A.14	Sulfur Dioxide – Liquid or Gaseous Fuels	30 day averages did not exceed permit limits	✓	
A.16	Nitrogen Oxides	30 day averages did not exceed permit limits	✓	
A.17	Particulate Matter – all fuels	PM emissions did not exceed limit of 0.03 lb/MMBTU	✓	
A.18	Particulate Matter – Coal Only	PM emissions did not exceed limit permit limit	✓	
A.19	Particulate Matter – Liquid Fuel Only	PM emissions did not exceed limit permit limit	✓	
A.20	Particulate Matter – Visible Emissions	Opacity limits did not exceed permit limits	✓	
A.24 and A.25	Emission Limits exceeded	No emission during start up or malfunction exceeded emission limits in excess of levels allowed in the permit.	✓	
A.27	Shipment Analysis	Fuel oil and Coal shipment analysis for sulphur content, ash content and heating value have been made.	✓	
A.28	Fuel Consumption	All fuel consumption is continuously monitored and recorded by fuel type.	✓	
A.29 – A.38	Continuous Emissions Monitoring [CEM] Requirements	CEM requirements in Specific Conditions A.29 – A.38 are all met as outlined in the conditions.	✓	
A.39 & A.40	CEM Test Methods	Test methods as outlined in A.39 and A.40 are being followed as outlined.	✓	
A.41	Monitoring Plan	Monitoring Plan requirements are being met.	✓	
A.42	CEMS Certification	CEMs Certification Requirements are being	✓	