

Document Control Sheet

Sheet Title:	AIR CAIR - OLS
Box ID:	39830
Control Sheet ID:	0000-0000-0084-6286
Record Series Name:	AIR / Clean Air Interstate Rule (CAIR)
Record Series:	AIR CAIR
Primary ID:	ALTURA POWER, LP
Secondary ID:	SP
Doc Type:	Applications
Security:	Public
Date:	1/29/2009 12:00AM
Title:	Applications
Tertiary ID	

NOTICE OF DOCUMENT QUALITY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

**THE QUALITY OF THE FOLLOWING ORIGINAL PAPER
DOCUMENT(S) WAS SUCH THAT ALL OR PORTIONS OF THE
SCANNED IMAGE
MAY BE DIFFICULT TO READ OR ILLEGIBLE.**

Some reasons for poor quality:

There are multiple densities per page, different types of ink, faded document, and some documents are different colors. Many of the photographs, charts, graphs, maps are of poor quality.



FORM CNA-3 (Page 1)
APPLICATION FOR CAIR NO_x ALLOWANCES FROM THE
COMPLIANCE SUPPLEMENT POOL

AIR CAIR Company:

ALTURA POWER, LP

circle one: NUP or GP or SP APL
20 09 - 01 - 29 APPLICATIONS
7 pages

I. COMPANY IDENTIFYING INFORMATION

A. Company Name: Altura Power, LP

B. Mailing Address: P.O. Box 37,

City: Bremond

State: Texas

Zip: 76629

Telephone (254)746-7604

Fax: (254)746-7159

Email: eddy.young@energycollc.com

C. Operator of the Site: Eddy Young

D. TCEQ Customer Identification Number: CN603023250

E. Site Name: Twin Oaks Power

Street Address (If no street address, give driving directions in writing): 13065 Plant Road Bremond TX, 76629

Nearest City: Bremond

Zip Code: 76629

Email: eddy.young@energycollc.com

F. TCEQ Regulated Entity Number: RN100226570

G. TCEQ Air Account Number (if applicable): RI-0035-C

H. CAIR Compliance Account Number: 007030FACLT

RECEIVED

II. CAIR DESIGNATED REPRESENTATIVE CONTACT INFORMATION

A. Name: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) George R. Faulkner

NOV 20 2024

Title: Plant Manager

TCEQ CENTRAL FILE ROOM

Mailing Address: P.O. Box 37

City: Bremond

State: Texas

Zip Code: 76629

Telephone (254)746-7604

Fax: (254)746-7159

E-Mail: george.faulkner@energycollc.com

III. ALTERNATE CAIR DESIGNATED REPRESENTATIVE CONTACT INFORMATION

A. Name: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) N/A

Title:

Mailing Address:

City:

State:

Zip Code:

Telephone:

Fax:

E-Mail:

FORM CNA-3 (Page 2)
APPLICATION FOR CAIR NO_x ALLOWANCES FROM THE
COMPLIANCE SUPPLEMENT POOL

IV. CAIR NO_x UNIT(S) ACHIEVING NO_x EMISSION REDUCTIONS IN 2007 AND 2008

A. What permit, etc., provides the most stringent emission limitation for the unit(s)? (attach copy)

TAC Title 30 Part 1 Chapter 117 Sub Chapter B Division 2 Rule 117.135 (1) (B)

0.165 #/mmBtu Calendar Year Average

B. Attach supporting documentation providing the following information:

- Report the NO_x emissions rate and the heat input of the unit(s) in accordance to 40 CFR Part 96, Subpart HH, for the 2007 and 2008 control period.
- Calculate the requested compliance supplement pool amount using the following equation: [(2007 NO_x ton emission limitation) - (2007 NO_x actual emission) + (2008 NO_x ton emission limitation) - (2008 NO_x ton actual emission)]. The requested amount cannot exceed this NO_x ton amount.

V. CAIR NO_x UNIT(S) WITH UNDUE RISK IN 2009

A. Attach supporting documentation providing the following information:

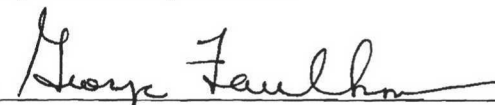
- Demonstrate that the CAIR NO_x unit's emission limitations for the 2009 control period creates an undue risk to the reliability of electricity supply during the 2009 control period. The requested amount cannot exceed the minimum amount necessary to remove such undue risk to the reliability of electricity supply.
- Include in the demonstration that the owners and operators of the CAIR NO_x unit(s):
 - o Could not feasibly obtain a sufficient amount of electricity from other electric generation facilities, during the installation of control technology at the unit for compliance with the CAIR NO_x emissions limitation, to prevent such undue risk, or
 - o Could not feasibly obtain CAIR NO_x allowances from the compliance supplement pool from achieving early NO_x emission reductions in 2007 and 2008 that are not necessary to comply with any state or federal emissions limitation applicable during 2007 and 2008 (Section IV).

VI. CERTIFICATION BY AUTHORIZED CAIR DESIGNATED REPRESENTATIVE

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.

DATE 28 Jan 09

SIGNATURE



George Faulkner

(Please print or type the name of the authorized CAIR designative representative signed above)

NOTE - ORIGINAL SIGNATURE IN INK IS REQUIRED.

Mail application to:
Texas Commission on Environmental Quality
Emission Banking and Trading Program MC-206
P.O. BOX 13087
AUSTIN, TX 78711-3087

Twin Oaks Early NOx Reductions Using Acid Rain Emissions Data

Unit	Year	* Nox Emission Limit (lb/mmBtu)	** Nox Rate (lb/mmBtu)	** Heat Input (mmBtu)	Calculated from Nox Emissions Tons	Actual Nox Emissions Tons	Nox Early Reduction Tons
Unit 1	2007	0.165	0.151	12464300	1028.30	941.05	87.25
Unit 2	2007	0.165	0.154	12687312	1046.70	976.92	69.78
				Total Early Reduction 2007			157.03
Unit 1	2008	0.165	0.156	13895239	1146.36	1083.83	62.53
Unit 2	2008	0.165	0.15	12044539	993.67	903.34	90.33
				Total Early Reduction 2008			152.86

Requested Compliance Supplement Pool Amount	309.89
--	---------------

* NOx Emission Limit for East And Central Texas Per TAC Title 30 Chapter 117.135

** Actual Emissions Data Reported to EPA for Acid Rain Program

Facility Name: Twin Oaks Power, LP
Facility ID (ORISPL): 7030

Emissions Summary Report
January 28, 2009 08:52 AM

Unit/Stack/Pipe	Year	Period	No. of Op. Hours	No. of Op. Days	Op. Time	Heat Input (mmBtu)	SO2 Mass (ton)	CO2 Mass (ton)	NOx Rate (lb/mmBtu)	NOx Mass (ton)
U1	2006	QTR 1	1802	76		2903424	677.4	316097.0	0.171	
		QTR 2	1851	79		2964360	645.6	322732.8	0.145	
		QTR 3	1986	83		3224815	678.5	351084.2	0.154	
		QTR 4	1769	75		2630901	449.5	286425.1	0.149	
		Year To Date	7408	313		11723500	2451.0	1276339.1	0.155	
U1	2007	QTR 1	2160	90		3377355	617.2	367695.0	0.153	
		QTR 2	2106	88		3327318	624.6	362245.6	0.159	
		QTR 3	2127	89		3438343	608.9	374330.8	0.157	
		QTR 4	1471	63		2321284	392.1	252715.4	0.127	
		Year To Date	7864	330		12464300	2242.8	1356986.8	0.151	
U1	2008	QTR 1	2184	91	2184.00	3571423	569.9	388818.8	0.144	256.4
		QTR 2	2096	90	2091.86	3306700	565.3	359998.8	0.147	243.0
		QTR 3	2208	92	2208.00	3525860	607.5	383860.3	0.161	280.0
		QTR 4	2208	92	2208.00	3491256	582.1	380093.1	0.172	298.6
		Year To Date	8696	365	8691.86	13895239	2324.8	1512771.0	0.156	1078.0

Facility Name: Twin Oaks Power, LP
Facility ID (ORISPL): 7030

Emissions Summary Report
January 28, 2009 08:52 AM

Unit/Stack/Pipe	Year	Period	No. of Op. Hours	No. of Op. Days	Op. Time	Heat Input (mmBtu)	SO2 Mass (ton)	CO2 Mass (ton)	NOx Rate (lb/mmBtu)	NOx Mass (ton)
U2	2006	QTR 1	2086	88		3365276	676.1	366378.4	0.157	
		QTR 2	2048	87		3321723	677.9	361635.9	0.161	
		QTR 3	2096	89		3369897	652.9	366880.7	0.168	
		QTR 4	2208	92		3528414	614.0	384133.7	0.157	
		Year To Date	8438	356		13585310	2620.9	1479028.7	0.161	
U2	2007	QTR 1	1382	61		1943804	348.6	211623.3	0.162	
		QTR 2	2184	91		3514058	682.7	382576.2	0.156	
		QTR 3	2208	92		3590893	658.1	390945.7	0.157	
		QTR 4	2208	92		3638557	631.6	396133.0	0.144	
		Year To Date	7982	336		12687312	2321.0	1381278.2	0.154	
U2	2008	QTR 1	2054	87	2054.00	3317724	539.4	361202.3	0.152	246.7
		QTR 2	2111	88	2111.00	3390158	609.7	369086.0	0.150	254.2
		QTR 3	2065	87	2063.10	3271009	641.6	356113.9	0.148	240.3
		QTR 4	1472	65	1469.01	2065648	340.1	224889.0	0.148	157.5
		Year To Date	7702	327	7697.11	12044539	2130.8	1311291.2	0.150	898.7

[<<Prev Rule](#)**Texas Administrative Code**[Next Rule>>](#)**TITLE 30****ENVIRONMENTAL QUALITY****PART 1****TEXAS NATURAL RESOURCE CONSERVATION
COMMISSION****CHAPTER 117****CONTROL OF AIR POLLUTION FROM NITROGEN
COMPOUNDS****SUBCHAPTER B****COMBUSTION AT EXISTING MAJOR SOURCES****DIVISION 2****UTILITY ELECTRIC GENERATION IN EAST AND CENTRAL
TEXAS****RULE §117.135****Emission Specifications**

In accordance with the compliance schedule in §117.512 of this title (relating to Compliance Schedule for Utility Electric Generation in East and Central Texas), the owner or operator of each utility electric power boiler or stationary gas turbine shall ensure that emissions of nitrogen oxide (NOx) do not exceed the following rates, in pound per million British thermal unit (lb/MMBtu) heat input on an annual (calendar year) average:

(1) electric power boilers:

(A) gas-fired, 0.14;

(B) coal-fired, 0.165;

(2) stationary gas turbines:

(A) subject to TUC, §39.264 (except units designated in accordance with TUC, §39.264(i)), 0.14;

(B) not subject to TUC, §39.264, 0.15 (or alternatively, 42 parts per million by volume (ppmv) NOx, adjusted to 15% oxygen (dry basis)); and

(C) units designated in accordance with TUC, §39.264(i), 0.15 (or alternatively, 42 ppmv NOx, adjusted to 15% oxygen (dry basis)).

Source Note: The provisions of this §117.135 adopted to be effective May 11, 2000, 25 TexReg 4101

[Next Page](#)[Previous Page](#)[List of Titles](#)[Back to List](#)[HOME](#) | [TEXAS REGISTER](#) | [TEXAS ADMINISTRATIVE CODE](#) | [OPEN MEETINGS](#) | [HELP](#) |

Brandon Greulich - RE: CNA-3 form for Twin Oaks Power

From: "Young, Eddy" <Eddy.Young@optimenergy.com>
To: "Brandon Greulich" <BGreulic@tceq.state.tx.us>
Date: 7/16/2009 2:24 PM
Subject: RE: CNA-3 form for Twin Oaks Power

Brandon:

I would use EPA's number as it is what counts. 2009 is the first year we have calculated NOx Tons. In 07 and 08 EPA calculated using Heat Rate.

Thanks!

Have a Blessed Day

Eddy Young

Environmental Supervisor

Optim Energy LP, Twin Oaks

13065 Plant Road

P.O. Box 37

Bremond, TX 76629

(254) 746-7604 ext. 6378 (Office)

(254) 746-7159 (fax)

(979) 777-7962 (mobile)

eddy.young@optimenergy.com

From: Brandon Greulich [mailto:BGreulic@tceq.state.tx.us]
Sent: Thursday, July 16, 2009 2:12 PM

To: Young, Eddy
Subject: CNA-3 form for Twin Oaks Power

Mr. Young,

I am currently reviewing the CNA-3 Form for Twin Oaks Power, and I noticed that some of the numbers are slightly different from what the EPA has on-file:

What EPA has for U1 (NOX annual ton amounts):

- 2007 = 941.49 (on form as 941.05)
- 2008 = 1077.90 (on form as 1083.83)

What EPA has for U2:

- 2007 = 974.87 (on form as 976.92)
- 2008 = 898.64 (on form as 903.34)

I was going to use the values from the EPA, which would make your total requested amount a little higher at 322.13 instead of the submitted requested amount of 309.89.

If you could please respond back to agree with this calculation, or if I need to use the original submitted values. Thanks!

Brandon W. Greulich

Texas Commission on Environmental Quality
Chief Engineer's Office MC-206
Air Quality Division
Emissions Banking and Trading
Ph: (512) 239-4904
Fax: (512) 239-5687
bgreulich@tceq.state.tx.us