06/23/2004 ---------- EBTP IMS- PROJECT RECORD ----------

AIR DERC_101559854-99305_CE_20040630_Certification_D1137

PROJECT#: 99305 STATUS: P DISP CODE: C
RECEIVED: 06/30/2003 PROJTYPE: BDRC ISSUED DT: 7/14/04
PUB NOT REQ: SUP-DISP DATE: 6/30/04

STAFF ASSIGNED TO PROJECT:
HUTCHISON, PERRY

PROJECT TRANSACTIONS

TRANSACTION TYPE: DERC-GEN

COMPANY DATA

COMPANY NAME: ~~TXU~~ TxU Generation Company LP
CUSTOMER REGISTRY ID: 600135511

PORTFOLIO DATA

NUMBER: P0796 NAME: NORTH LAKE STEAM - DB0251U

SITE DATA

REGION: 4 ACCOUNT: DB0251U REG ENTITY ID: RN101559854

SITE NAME: NORTH LAKE STEAM ELECTRIC STA
COUNTY: DALLAS
CITY: COPPELL
LOCATION:

CONTACT DATA

NAME: MR DICK ROBERTSON TITLE: AIR QUALITY MANAGER
e-mail: DICK.ROBERTSON@TXU.COM
STREET: 1601 BRYAN STREET CITY/STATE,ZIP: DALLAS, TX , 75201-3411
FAX: 214-812-4395 ext
PHONE: 214-812-8416 ext

TRANSACTION DATA

DATE ENTERED: 2004-06-22 EFFECTIVE DATE: 2004-06-22 DELETED DATE:
DATE GENERATED: 2003-03-31 EXPIRATION DATE:
CONTAMINATE: **NOx-Ozone** TONS: **455.6** DOLLARS:
ALLOWANCE CERTIFICATE NO.: **D1136** COUNTY : **DALLAS**

STREAM AND FUTURE TRADES DATA

TRANSACTION TYPE: DERC-GEN

COMPANY DATA

COMPANY NAME: TXU
CUSTOMER REGISTRY ID:

PORTFOLIO DATA

NUMBER: P0796 NAME: NORTH LAKE STEAM - DB0251U

SITE DATA

REGION: 4 ACCOUNT: DB0251U REG ENTITY ID: RN101559854

SITE NAME: NORTH LAKE STEAM ELECTRIC STA
COUNTY: DALLAS

CITY: COPPELL
LOCATION:

CONTACT DATA

NAME: MR DICK ROBERTSON TITLE: AIR QUALITY MANAGER
e-mail: DICK.ROBERTSON@TXU.COM
STREET: 1601 BRYAN STREET CITY/STATE,ZIP: DALLAS, TX , 75201-3411

TRANSACTION DATA

DATE ENTERED: 2004-06-22 EFFECTIVE DATE: 2004-06-22 DELETED DATE:
DATE GENERATED: 2003-03-31 EXPIRATION DATE:
CONTAMINATE: **NOx-non-Ozone** TONS: **107.6** DOLLARS:
ALLOWANCE CERTIFICATE NO.: **D1137** COUNTY : **DALLAS**

STREAM AND FUTURE TRADES DATA

TRACKING ACTIVITES

FA - PROJECT ISSUED :
TR - PROJECT RECEIVED :
TR - ENGINEER RECEIVE PROJECT : 12/02/2003

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 15, 2004

Mr. Dick Robertson
Air Quality Manager
TXU Generation Company
1601 Bryan Street
Dallas, Texas 75201-3411

Re: Review of Discrete Emission Reduction Credits (DERC) Generation
North Lake Steam Electric Station
Coppell, Dallas County
Regulated Entity Number: RN101559854
Customer Reference Number: CN600135511

Dear Mr. Robertson:

This letter is in response to your Form DEC-1, entitled "Notice of Generation and Generator Certification of Discrete Emission Credits," dated June 25, 2003. We have determined that the information contained in your registration is complete. This review verifies that all information needed for credit review has been received and verified.

Enclosed are DERC Certificates numbered D-1136 and D-1137, issued to TXU Generation Company in the amount of 455.6 tons of nitrogen oxide, ozone season (NO_x-O) and 107.6 tons of nitrogen oxide, non ozone season (NO_x-N) discrete emission credits, respectively. These certificates have been deposited in the Texas Commission on Environmental Quality (TCEQ) Discrete Emissions Credit Registry. These certificates may be transferred or sold to another owner per the requirements of Title 30 Texas Administrative Code § 101.373. However, the certificate must be submitted to the TCEQ Discrete Emissions Credit Registry when ownership of the credits changes.

Please reference the regulated entity number (RN) and customer reference number (CN) noted in this document in all your future banking and trading correspondence. The RN replaces the former TCEQ account number for the facility or site. The CN is a unique number assigned to the company or corporation and applies to all facilities and sites owned or operated by this company or corporation.

Re: Review of Discrete Emission Reduction Credits (DERC) Generation

Thank you for your cooperation in this matter. If you have questions concerning this review or need further assistance regarding the banking program, please contact Mr. Aaron Hutchison at (512) 239-1709 or write to the Texas Commission on Environmental Quality, Office of Permitting, Remediation, and Registration, Air Permits Division (MC-163), P.O. Box 13087, Austin, Texas 78711-3087.

Sincerely,

Dale Beebe Farrow, P.E.
for Executive Director
Texas Commission on Environmental Quality

DBF/PAH/rc

cc: Mr. David Miller, Section Manager, Air Pollution Control Program, City of Dallas Environmental and Health Services, Dallas
Mr. Tony L. Walker, Air Section Manager, Region 4 Fort Worth

Project Number: 99305

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 15, 2004

Mr. Dick Robertson
Air Quality Manager
TXU Generation Company
1601 Bryan Street
Dallas, Texas 75201-3411

Re: Review of Discrete Emission Reduction Credits (DERC) Generation
North Lake Steam Electric Station
Coppell, Dallas County
Regulated Entity Number: RN101559854
Customer Reference Number: CN600135511

Dear Mr. Robertson:

This letter is in response to your Form DEC-1, entitled "Notice of Generation and Generator Certification of Discrete Emission Credits," dated June 25, 2003. We have determined that the information contained in your registration is complete. This review verifies that all information needed for credit review has been received and verified.

Enclosed are DERC Certificates numbered D-1136 and D-1137, issued to TXU Generation Company in the amount of 455.6 tons of nitrogen oxide, ozone season (NO_x-O) and 107.6 tons of nitrogen oxide, non ozone season (NO_x-N) discrete emission credits, respectively. These certificates have been deposited in the Texas Commission on Environmental Quality (TCEQ) Discrete Emissions Credit Registry. These certificates may be transferred or sold to another owner per the requirements of Title 30 Texas Administrative Code § 101.373. However, the certificate must be submitted to the TCEQ Discrete Emissions Credit Registry when ownership of the credits changes.

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Re: Review of Discrete Emission Reduction Credits (DERC) Generation

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Sincerely,

Dale Beebe Farrow, P.E.
for Executive Director
Texas Commission on Environmental Quality

DBF/PAH/rc

cc: Mr. David Miller, Section Manager, Air Pollution Control Program, City of Dallas Environmental and Health Services, Dallas
Mr. Tony L. Walker, Air Section Manager, Region 4 Fort Worth

Project Number: 99305

DISCRETE EMISSION REDUCTION CREDITS (DERCs)
VERIFICATION TECHNICAL REVIEW

Project No.:	99305	Customer Reference No.:	CN600135511
Project Type:	BDRC	Regulated Entity No.:	RN101559854
Company:	TXU Generation Company	Facility Name:	North Lake Steam Electric
City:	Coppell	County:	Dallas
Project Reviewer:	Mr. Aaron Hutchison	Portfolio Name:	North Lake Steam DB-0251-U

Project Overview

TXU Generation Company has submitted a Form DEC-1, Notice of Generation and Generator Certification of Discrete Emission Credits, dated June 25, 2003 for the North Lake Steam Electric Station. TXU is requesting DERCs based on overcontrol of emissions from three electric generating facilities, FIN NL-B1, NL-B2, and NL-B3. TXU is claiming 452.2 tons of ozone season NOx DERCs and 119.6 tons of non ozone season NOx DERCs.

Discrete Emission Reductions Summary

TXU Generation Company operates three electric generating facilities at their North Lake Steam Electric Station. These facilities are currently subject to NOx limitations of 30 TAC §117.107. TXU has installed emissions equipment which brings the emission factor to a lower level than required by the alternative system-wide RACT specifications currently in place.

TXU is using 1998 and 1999 as the baseline years for this DERC generation, as was used in previous DERC generations using this same emissions strategy. TXU is using a generation period of April 1, 2002 through March 31, 2003 for this submission.

The amount of credited DERCs will vary slightly from the amount claimed by TXU. The differences are due to rounding in the calculations. 455.6 tons of ozone season and 107.6 tons of non ozone season DERCs will be given to TXU for this reduction strategy for the period of April 1, 2002 through March 31, 2003.

Applicable Pollutants ..... NOx
If VOCs identify HAPs and Non-HAPs
Date reduction achieved: ..... December 15, 2000
Most recent year of emissions inventory used for SIP determination: 1998
Generation Period: ..... April 1, 2002 - March 31, 2003
Source: ..... Stationary
Generation County ..... Dallas
Generation Area ..... Dallas/Fort Worth
If in Dallas/Fort Worth Nonattainment area, identify ozone and non-ozone season.

Baseline Period 1998, 1999
Baseline Emission Factor
Do Baseline emission factor exceed any applicable Federal, State, or authorized limit? ..... No

Generation of Discrete Emission Credits:

Generation Method:
Shutdown, over control, process change, prohibited by rule, pollution prevention

Selective Flue Gas Recirculation (SFGR) and Induced Flue Gas Recirculation (IFGR) were installed on FIN NL-B2, and Burners-Out-Of-Service Firing (BOOS) was installed on FINs NL-B1 and NL-B3. Both strategies reduce combustion temperatures and limit the formation of thermal NOx. SFGR and IFGR are two methods of taking flue gas and reintroducing it into the combustion chamber, which then works as an inert gas and limits peak combustion temperature. BOOS cycles the burners in and out of service in order to simulate air staging. Both strategies have been used successfully for reducing NOx emissions in utility applications.

Discrete Emission Reduction Calculation Methods
Discuss calculation method for generation

The equations found in 30 TAC §101.373(b)(1) were used to calculate the amount of DERCs generated. For an example, FIN NL-B1 had the following baseline emissions:

Year	Level of Activity (MMBtu)	Emission Factor (lb/MMBtu)	Total (tons)
1998 Ozone Season	4,534,577	0.281 (RACT of 0.170)	385.44
1998 Non Ozone Season	609,735	0.220 (RACT of 0.170)	51.83
1999 Ozone Season	4,105,882	0.269 (RACT of 0.170)	348.99
1999 Non Ozone Season	472,322	0.209 (RACT of 0.170)	40.15

When averaged, the ozone season baseline emissions are 367.22 tons and the non ozone season baseline emissions are 45.99 tons. For the strategy period, the ozone level of activity was 3,613,566 MMBtu with an emission factor of 0.147, and the non ozone level of activity was 687,735 MMBtu with an emission factor of 0.120. Using 30 TAC §101.373(b)(1)(A) and 30 TAC §101.373(b)(1)(B), the amount of DERCs generated becomes:

(Ozone) DERC = (367.22) - (0.147 * 4320229) = 49.68 tons

(Non-Ozone) DERC = (45.99) - (0.120 * 687735) = 4.73 tons

Complete calculations can be found on the attached spreadsheet.

Control of Pollutant:
Check applicability of all state and federal requirements to verify that reduction is in excess. Note the potentially applicable sections and state reason for nonapplicability or amount of the reduction not surplus. Please identify the applicability/nonapplicability for each FIN.

NOx

FIN All
NSPS ..... N/A
30 TAC Chapter 117 ..... 117.105,117.107

Conclusion:

TXU Generation Company has documented reductions in NOx emissions by the overcontrol of emissions at the North Lake Steam Electric Plant. DERC Certificate number D-1136, in the amount of 455.6 tons of Ozone Season NOx, and DERC Certificate number D-1137, in the amount of 107.6 tons of Non-Ozone Season NOx will be issued to TXU.

Certificate Number issued D-1136

Pollutant	Amount (Tons)
NOx Ozone Season	455.6

Certificate Number issued D-1137

Pollutant	Amount (Tons)
NOx Non-Ozone Season	107.6

Project Reviewer — Date: 6/28/04

Team Leader/Section Manager/Backup — Date: 6/30/04

Account: DB-0251-U
Company: TXU Generation Company

If SA > BA then (BER*BA)-(SER*SA)
If SA < BA then (BER*BA)-(SER*BA)

Pollutant NOx

Facility Name	FIN	EPN	Shutdown (Y/N)	Baseline Year	Baseline Years			Permit Limit		Permit Allowables	Emissions[3]	BE[4]
					Activity	BER[1]	RER[2]	Activity	ER			
	NL-B1	NL-S1A,S1B	N	1998	4534577	0.281	0.170				385.44	385.44
				1999	4105882	0.269	0.170				349.00	349.00
	NL-B1	NL-S1A,S1B	N	1998	609735	0.220	0.170				51.83	51.83
				1999	472322	0.209	0.170				40.15	40.15
	NL-B2	NL-S2A,S2B	N	1998	4579258	0.303	0.170				389.24	389.24
				1999	2974514	0.272	0.170				252.83	252.83
	NL-B2	NL-S2A,S2B	N	1998	527739	0.215	0.170				44.86	44.86
				1999	800609	0.221	0.170				68.05	68.05
	NL-B3	NL-S3A,S3B	N	1998	8337893	0.360	0.240				1000.55	1000.55
				1999	7205586	0.357	0.240				864.67	864.67
	NL-B3	NL-S3A,S3B	N	1998	2284447	0.273	0.240				274.13	274.13
				1999	1763169	0.292	0.240				211.58	211.58

1 BER - baseline emission rate
2 RER - most stringent emission rate (regulatory, permit, ..)
3 Actual emissions - (BA) x (lower of BER or RER)
4 BE - The lowest of Actual Emission or permit
5 BE_{avg} - The average of the lowest emissions (actual emission or permit) of the two baseline years
6 BE - The lower of BE_{avg} or SIP EI

BEavg[5]			SIP EI (1998)			BE[6]			Strategic Activity			DERCS
Activity	ER	Tons	Tons	Activity	ER	Activity	ER	Tons	Activity	SER	BA ~ SA	(tons)
		367.22	703.80			4320230		367.22	3613566	0.147	49.68	49.68
		45.99				541028.5		45.99	687735	0.120	4.73	4.73
		321.04	751.58			3776886		321.04	2968361	0.132	71.76	71.76
		56.46				664174		56.46	617439	0.104	21.92	21.92
		932.61	1813.18			7771740		932.61	5476805	0.154	334.19	334.19
		242.86				2023808		242.86	967127	0.160	80.95	80.95

TNRCC

Form DEC-1 (Page 1)
Notice of Generation and Generator Certification of Discrete Emission Credits
(Title 30 Texas Administrative Code § 101.370 - § 101.374)

UPDATE: The TNRCC is now requiring all applications to be accompanied by the new TNRCC CORE Data Form located at: **http://www.tnrcc.state.tx.us/permitting/projects/cr/index.html** .

A notice of generation and generator certification must be submitted to the Texas Natural Resource Conservation Commission (TNRCC) DERC Registry in accordance with the following requirements if the reduction is to be creditable and marketable:

I. COMPANY IDENTIFYING INFORMATION		
A. Company Name: **TXU Generation Company LP**		
B. Owner or Operator of Generator Source: **TXU Generation Company LP**		
C. Plant/Site Name: **North Lake Steam Electric Station**		
D. Street Address: **14901 North Lake Road**		
E. Nearest City: **Coppell**	F. Zip Code: **75019-9610**	
G. County: **Dallas**	H. Primary SIC: **4911**	
I. TNRCC Account No.: **DB-0251-U**		
J. Telephone: **214-812-8416**	K. Fax: **214-812-4395**	
L. Mailing Address: **1601 Bryan Street**		
City: **Dallas**	State: **Texas**	Zip Code: **75201-3411**

II. TECHNICAL CONTACT IDENTIFYING INFORMATION		
A. Technical Contact Name: (X Mr. __Mrs. __Ms. __Dr.) **Dick Robertson**		
B. Technical Contact Title: **Air Quality Manager**		
C. Telephone: **214-812-8416**	D. Fax: **214-812-4395**	E. Email: **dick.robertson@txu.com**
F. Mailing Address: **1601 Bryan Street**		
G. City: **Dallas**	State: **Texas**	Zip Code: **75201-3411**

III. CONTACT FOR SALE OF CERTIFICATE		
A. Contact Name: (X Mr. __Mrs. __Ms. __Dr.) **Dick Robertson**		
B. Sale Contact Title: **Air Quality Manager**		
C. Telephone: **214-812-8416**	D. Fax: **214-812-4395**	E. Email: **dick.robertson@txu.com**
F. Mailing Address: **1601 Bryan Street**		
G. City: **Dallas**	State: **Texas**	Zip Code: **75201-3411**

IV. Generation Period	
__X__ 12 months	Generation Period Start Date 04/01/02
____ Other _____ Days/months	Generation Period End Date 03/31/03

V. Generation Activity	
☐ **Shutdown** ☒ **Additional Control** ☐ **Other:**	RECEIVED
Date of Shutdown: / /	APR 13 2004 **Date of Reduction:** / /

AIR PERMITS DIVISION

TNRCC

Form DEC-1 (Page 2)
Notice of Generation and Generator Certification of Discrete Emission Credits
(Title 30 Texas Administrative Code § 101.370 - § 101.374)

VI. EMISSIONS RATE DATA

Attach documentation which demonstrates the basis for each value represented in the following table.

If SA > BA, then: (BER*BA) - (SER*SA) = reduction

If SA < BA, then: (BER*BA) - (SER*BA) = reduction

Emission Point No.	FIN	Air Contaminant	Calculation of DERCs					
			Baseline Activity (units)	Baseline Emission Rate (units)	Strategy Activity (units)	Strategy Emission Rate (units)	Most stringent emission rate (units)	DERCs (T)
Ozone Season								
	NL-B1	NO_X	4,534,577 (mmBtu) (YR. 1998)	0.281 (lb/mmBtu) (YR 1998)	3,613,566 (mmBtu)	0.147 (lb/mmBtu)	0.170 (lb/mmBtu)	49.1
NL-S1A, S1B NL-S2A, S2B NL-S3A, S3B	NL-B1	NO_X	4,105,882 (mmBtu) (YR. 1999)	0.269 (lb/mmBtu) (YR. 1999)				
	NL-B2	NO_X	4,579,258 (mmBtu) (YR. 1998)	0.303 (lb/mmBtu) (YR 1998)	2,968,361 (mmBtu)	0.132 (lb/mmBtu)	0.170 (lb/mmBtu)	70.8
	NL-B2	NO_X	2,974,514 (mmBtu) (YR. 1999)	0.272 (lb/mmBtu) (YR. 1999)				
	NL-B3	NO_X	8,337,893 (mmBtu) (YR. 1998)	0.360 (lb/mmBtu) (YR 1998)	5,476,805 (mmBtu)	0.154 (lb/mmBtu)	0.240 (lb/mmBtu)	332.3
	NL-B3	NO_X	7,205,586 (mmBtu) (YR. 1999)	0.357 (lb/mmBtu) (YR. 1999)				

VII. Shutdown Emission Reduction Strategies

Has production shifted from the shutdown facility to another facility in the same nonattainment area? ☐ Yes* X No
***If Yes, DERC can not be claimed.**

VIII. VOC

List Specific Compounds reduced:

Emission Point No	FIN	Name of Air Contaminant	DERCs (T)

Form DEC-1 (Page 3)
Notice of Generation and Generator Certification of Discrete Emission Credits
(Title 30 Texas Administrative Code § 101.370 - § 101.374)

VI. EMISSIONS RATE DATA CONTINUED

Attach documentation which demonstrates the basis for each value represented in the following table.

If SA > BA, then: (BER*BA) - (SER*SA) = reduction

If SA < BA, then: (BER*BA) - (SER*BA) = reduction

Emission Point No.	FIN	Air Contaminant	Calculation of DERCs					
			Baseline Activity (units)	Baseline Emission Rate (units)	Strategy Activity (units)	Strategy Emission Rate (units)	Most stringent emission rate (units)	DERCs (T)
Non Ozone Season								
NL-S1A, S1B NL-S2A, S2B NL-S3A, S3B	NL-B1	NO_X	609,735 (mmBtu) (YR. 1998)	0.220 (lb/mmBtu) (YR. 1998)	687,735 (mmBtu)	0.120 (lb/mmBtu)	0.17 (lb/mmBtu)	17.0
	NL-B1	NO_X	472,322 (mmBtu) (YR. 1999)	0.209 (lb/mmBtu) (YR. 1999)				
	NL-B2	NO_X	527,739 (mmBtu) (YR. 1998)	0.215 (lb/mmBtu) (YR. 1998)	617,439 (mmBtu)	0.104 (lb/mmBtu)	0.17 (lb/mmBtu)	21.9
	NL-B2	NO_X	800,609 (mmBtu) (YR. 1999)	0.221 (lb/mmBtu) (YR. 1999)				
	NL-B3	NO_X	2,284,447 (mmBtu) (YR. 1998)	0.273 (lb/mmBtu) (YR. 1998)	967,127 (mmBtu)	0.160 (lb/mmBtu)	0.24 (lb/mmBtu)	80.7
	NL-B3	NO_X	1,763,169 (mmBtu) (YR. 1999)	0.292 (lb/mmBtu) (YR. 1999)				

VII. Shutdown Emission Reduction Strategies Continued

Has production shifted from the shutdown facility to another facility in the same nonattainment area? ☐ Yes* X No
***If Yes, DERC can not be claimed.**

VIII. VOC Continued

List Specific Compounds reduced:

Emission Point No	FIN	Name of Air Contaminant	DERCs (T)

RECEIVED

APR 13 2004

AIR PERMITS DIVISION

TNRCC

Form DEC-1 (Page 4)
Notice of Generation and Generator Certification of Discrete Emission Credits
(Title 30 Texas Administrative Code § 101.370 - § 101.374)

VIII. Most Strigent Emission Rate

Describe basis for most stringent emission rate: ☐ Permit_____ ☒ RACT_____ Other:

30 TAC 117.115

IX. Protocol

Protocol used to calculate DERC:

Continuous Emissions Monitoring (CEM)

VIII. CERTIFICATION BY RESPONSIBLE OFFICIAL

I, **Paul L. Zweiacker**, hereby certify that the emission reductions claimed on this notice meet the requirements of 30 TAC Chapter 101, Subchapter H, Division 4 and are not based on an emission strategy prohibited in 30 TAC Chapter 101, Subchapter H, Division 4 to the best of my knowledge and belief and that the information entered in this application is correct to the best of my knowledge and belief.

Signature Paul L Zweiacker Signature Date 4/6/04

Title **Director of Environmental Services**

Mail application to:
Emission Banking and Trading Program
TNRCC MC 162
PO BOX 13087
AUSTIN, TX 78711-3087

RECEIVED
APR 13 2004
AIR PERMITS DIVISION

07/08/2003 ---------- NSR PERMITS IMS- PROJECT RECORD ----------

PROJECT#: 99305 | PERMIT#: **B887** | STATUS: **P** | DISP CODE: _____

RECEIVED: **06/30/2003** | PROJTYPE: **BDRC** | RENEWAL: | ISSUED DATE: _____

FEE DATE: | FEE AMT: $ 0 | STDX1/SP: 0 | SUP-DISP DATE:

GROUP: EBTP

TECHENGR : ~~SUN, STEVE~~ Drozdick, Stephen ✓

ISSUED TO: TXU

COMPANY NAME: TXU

CUSTOMER REGISTRY

PRIMARY CONTACT

CONTACT TYPE: TECHNICAL CONTACT

NAME: MR DICK ROBERTSON | TITLE: AIR QUALITY MANAGER

PHONE: 214-812-8416 ext | FAX: 214-812-4395 ext

STREET: 1601 BRYAN STREET | CITY/STATE,ZIP: DALLAS, TX , 75201-

---

PROJECT INFORMATION

UNIT: DERC GENERATION @ NORTH LAKE STEAM ELECTRIC

SIC: 0 | REGION: 4 | ACCOUNT: **DB0251U** | REG ENTITY ID: **RN101559854**

SITE NAME: NORTH LAKE STEAM ELECTRIC

COUNTY: DALLAS | CAPUNITS: | UNITTYPE:

CAPACITY: | CITY: COPPELL

LOCATION: 0

PUBLIC NOTICE

PUBLIC NOTICE REQUIRED?: | PN1 ALT LANGUAGE: NO | PN2 ALT LANGUAGE: NO

EMISSION RATES

TONS/YR	NOX	CO	VOC	PM	SO2	OTHER	TOTAL

PROJECT NOTES

TECHNICAL ACTIVITY HISTORY

FA - PROJECT ISSUED :

TR - PROJECT RECEIVED :

PROJECT

PROJECT LINK

PROJECTS/PERMITS

TXU Business Services
1601 Bryan Street
Dallas, TX 75201-3411
Tel: 214 812 4345
Fax: 214 812 5695
pzwelac1@txu.com

Paul L. Zweiacker, Ph.D.
Environmental Permitting Manager

June 25, 2003

Certified Mail# 7000 0600 0024 7111 5590

Mr. Cory Chism
Texas Commission on Environmental Quality
Emission Banking and Trading Program, MC-162
P.O. Box 13087
Austin, Texas 78711-3087

Subject: Discrete Emission Reduction Credits (DERCs)
April 01, 2002 - March 31, 2003

Dear Mr. Chism:

Enclosed are completed Texas Commission on Environmental Quality (TCEQ) Forms DEC-1 (Notice of Generation and Generator Certification of Discrete Emission Credits) for Discrete Emission Reduction Credits (DERCs) generated during the period from April 1, 2002 through March 31, 2003 for the following six (6) power plants:

Plant Name	TNRCC Account No.
Collin SES	CP-0065-C
Eagle Mountain SES	TA-0352-I
Lake Hubbard SES	DB-0249-H
North Lake SES	DB-0251-U
North Main SES	TA-0354-E
Parkdale SES	DB-0253-Q

Per guidance received from the TCEQ, the calculation of DERCs in this submittal reflects that 1998 was used as the SIP modeling year for the DFW area. This submittal contains Form DEC-1 for each of the above plants (see attachment 1); a summary of the DERCs generated for each unit (see attachment 2) and monthly data for the baseline and strategy periods (see attachments 3 and 4, respectively). In addition, the monthly data have been segregated into ozone and non-ozone season periods prior to selecting the baseline periods for calculation.

If you have questions or require additional information, please feel free to contact Mr. Dick Robertson at (214) 812-8416.

Sincerely,

Paul L. Zweiacker, Ph.D.
Director of Environmental Services, TXU Energy

Attachments

ATTACHMENT 1

DERC FORMS

Form DEC-1 (Page 1)
Notice of Generation and Generator Certification of Discrete Emission Credits
(Title 30 Texas Administrative Code § 101.370 - § 101.374)

UPDATE: The TNRCC is now requiring all applications to be accompanied by the new TNRCC CORE Data Form located at: http://www.tnrcc.state.tx.us/permitting/projects/cr/index.html .

A notice of generation and generator certification must be submitted to the Texas Natural Resource Conservation Commission (TNRCC) DERC Registry in accordance with the following requirements if the reduction is to be creditable and marketable:

I. COMPANY IDENTIFYING INFORMATION		
A. Company Name: **TXU Generation Company LP**		
B. Owner or Operator of Generator Source: **TXU Generation Company LP**		
C. Plant/Site Name: **North Lake Steam Electric Station**		
D. Street Address: **14901 North Lake Road**		
E. Nearest City: **Coppell**	F. Zip Code: **75019-9610**	
G. County: **Dallas**	H. Primary SIC: **4911**	
I. TNRCC Account No.: **DB-0251-U**		
J. Telephone: **214-812-8416**	K. Fax: **214-812-4395**	
L. Mailing Address: **1601 Bryan Street**		
City: **Dallas**	State: **Texas**	Zip Code: **75201-3411**

II. TECHNICAL CONTACT IDENTIFYING INFORMATION		
A. Technical Contact Name: (X Mr. __Mrs. __Ms. __Dr.) **Dick Robertson**		
B. Technical Contact Title: **Air Quality Manager**		
C. Telephone: **214-812-8416**	D. Fax: **214-812-4395**	E. Email: **dick.robertson@txu.com**
F. Mailing Address: **1601 Bryan Street**		
G. City: **Dallas**	State: **Texas**	Zip Code: **75201-3411**

III. CONTACT FOR SALE OF CERTIFICATE		
A. Contact Name: (X Mr. __Mrs. __Ms. __Dr.) **Dick Robertson**		
B. Sale Contact Title: **Air Quality Manager**		
C. Telephone: **214-812-8416**	D. Fax: **214-812-4395**	E. Email: **dick.robertson@txu.com**
F. Mailing Address: **1601 Bryan Street**		
G. City: **Dallas**	State: **Texas**	Zip Code: **75201-3411**

IV. Generation Period	
__X__ 12 months	Generation Period Start Date 03/01/ 02
____ Other _____ Days/months	Generation Period End Date 03/31/03

V. Generation Activity	
☐ **Shutdown** ☒ **Additional Control** ☐ **Other:**	
Date of Shutdown: __/__/__	**Date of Reduction:** __/__/__

TNRCC

Notice of Generation and Generator Certification of Discrete Emission Credits (Title 30 Texas Administrative Code § 101.370 - § 101.374)

VI. EMISSIONS RATE DATA

Attach documentation which demonstrates the basis for each value represented in the following table.

If SA > BA, then: (BER*BA) - (SER*SA) = reduction

If SA < BA, then: (BER*BA) - (SER*BA) = reduction

Emission Point No.	FIN	Air Contaminant	Calculation of DERCs					
			Baseline Activity (units)	Baseline Emission Rate (units)	Strategy Activity (units)	Strategy Emission Rate (units)	Most stringent emission rate (units)	DERCs (T)
Ozone Season								
NL-S1A, S1B NL-S2A, S2B NL-S3A, S3B	NL-B1	NO_X	4534577 (mmBtu) (YR. 1998)	0.170 (lb/mmBtu) (YR. 1998)	3613566 (mmBtu)	0.147 (lb/mmBtu)	0.170 (lb/mmBtu)	49.1
	NL-B1	NO_X	4105882 (mmBtu) (YR. 1999)	0.170 (lb/mmBtu) (YR. 1999)				
	NL-B2	NO_X	4579258 (mmBtu) (YR. 1998)	0.170 (lb/mmBtu) (YR. 1998)	2968361 (mmBtu)	0.132 (lb/mmBtu)	0.170 (lb/mmBtu)	70.8
	NL-B2	NO_X	2974514 (mmBtu) (YR. 1999)	0.170 (lb/mmBtu) (YR. 1999)				
	NL-B3	NO_X	8337893 (mmBtu) (YR. 1998)	0.240 (lb/mmBtu) (YR. 1998)	5476805 (mmBtu)	0.154 (lb/mmBtu)	0.240 (lb/mmBtu)	332.3
	NL-B3	NO_X	7205586 (mmBtu) (YR. 1999)	0.240 (lb/mmBtu) (YR. 1999)				

VII. Shutdown Emission Reduction Strategies

Has production shifted from the shutdown facility to another facility in the same nonattainment area? ☐ Yes* X No
***If Yes, DERC can not be claimed.**

VIII. VOC

List Specific Compounds reduced:

Emission Point No	FIN	Name of Air Contaminant	DERCs (T)

TNRCC

Notice of Generation and Generator Certification of Discrete Emission Credits (Title 30 Texas Administrative Code § 101.370 - § 101.374)

VI. EMISSIONS RATE DATA CONTINUED

Attach documentation which demonstrates the basis for each value represented in the following table.

If SA > BA, then: (BER*BA) - (SER*SA) = reduction

If SA < BA, then: (BER*BA) - (SER*BA) = reduction

Emission Point No.	FIN	Air Contaminant	Calculation of DERCs					
			Baseline Activity (units)	Baseline Emission Rate (units)	Strategy Activity (units)	Strategy Emission Rate (units)	Most stringent emission rate (units)	DERCs (T)
Non Ozone Season								
NL-S1A, S1B NL-S2A, S2B NL-S3A, S3B	NL-B1	NO_X	1040503 (mmBtu) (YR. 2000)	0.159 (lb/mmBtu) (YR. 2000)	687735 (mmBtu)	0.120 (lb/mmBtu)	0.17 (lb/mmBtu)	13.7
	NL-B1	NO_X	630534 (mmBtu) (YR. 2001)	0.142 (lb/mmBtu) (YR. 2001)				
	NL-B2	NO_X	1181071 (mmBtu) (YR. 2000)	0.170 (lb/mmBtu) (YR. 2000)	617439 (mmBtu)	0.104 (lb/mmBtu)	0.17 (lb/mmBtu)	46.3
	NL-B2	NO_X	885292 (mmBtu) (YR. 2001)	0.155 (lb/mmBtu) (YR. 2001)				
	NL-B3	NO_X	3969618 (mmBtu) (YR. 2000)	0.240 (lb/mmBtu) (YR. 2000)	967127 (mmBtu)	0.160 (lb/mmBtu)	0.24 (lb/mmBtu)	105.8
	NL-B3	NO_X	2351683 (mmBtu) (YR. 2001)	0.193 (lb/mmBtu) (YR. 2001)				

VII. Shutdown Emission Reduction Strategies Continued

Has production shifted from the shutdown facility to another facility in the same nonattainment area? ☐ Yes* X No
***If Yes, DERC can not be claimed.**

VIII. VOC Continued

List Specific Compounds reduced:

Emission Point No	FIN	Name of Air Contaminant	DERCs (T)

TNRCC

Form DEC-1 (Page 4)
Notice of Generation and Generator Certification of Discrete Emission Credits
(Title 30 Texas Administrative Code § 101.370 - § 101.374)

VIII. Most Strigent Emission Rate

Describe basis for most stringent emission rate: ☐ Permit_____ ☒ RACT_____ Other:

30 TAC 117.115

IX. Protocol

Protocol used to calculate DERC:

Continuous Emissions Monitoring (CEM)

VIII. CERTIFICATION BY RESPONSIBLE OFFICIAL

I, **Paul L. Zweiacker**, hereby certify that the emission reductions claimed on this notice meet the requirements of 30 TAC Chapter 101, Subchapter H, Division 4 and are not based on an emission strategy prohibited in 30 TAC Chapter 101, Subchapter H, Division 4 to the best of my knowledge and belief and that the information entered in this application is correct to the best of my knowledge and belief.

Signature _____ Signature Date 6/25/03

Title **Environmental Permitting Manager**

Mail application to:
Emission Banking and Trading Program
TNRCC MC 162
PO BOX 13087
AUSTIN, TX 78711-3087

ATTACHMENT 2

DERC SUMMARY TABLE

TXU ELECTRIC COMPANY

SUMMARY OF DISCRETE EMISSION REDUCTION CREDITS GENERATED DURING THE PERIOD OF APRIL 1, 2002 THROUGH MARCH 31, 2003

	Baseline Data										Strategy Data							
	Ozone Season					Non Ozone Season					Ozone Season		Non Ozone Season		Total Ozone Season DERC (Tons)	Total Non Ozone Season DERC (Tons)	Total Ozone Season DERC (Tons)	Total Non Ozone Season DERC (Tons)
Unit	Year	Baseline Activity (mmBtu)	Actual Emission Rate (lb/mmBtu)	Allowable Emission Rate (lb/mmBtu)	Baseline Emission Rate (lb/mmBtu)	Year	Baseline Activity (mmBtu)	Actual Emission Rate (lb/mmBtu)	Allowable Emission Rate (lb/mmBtu)	Baseline Emission Rate (lb/mmBtu)	Strategy Activity (mmBtu)	Strategy Emission Rate (lb/mmBtu)	Strategy Activity (mmBtu)	Strategy Emission Rate (lb/mmBtu)				
CO1	2000	2845999	0.082	0.80	0.082	1999	389468	0.138	0.80	0.138	1036497	0.059	519	0.017	15.39	23.65	15.3	23.6
	2001	2089790	0.058	0.80	0.058	2000	588983	0.097	0.80	0.097								
EM1	1998	2140720	0.741	0.30	0.300	2000	285276	0.372	0.30	0.300	1358044	0.253	316008	0.250	37.94	5.15	37.9	5.1
	1999	1108157	0.369	0.30	0.300	2001	224111	0.322	0.30	0.300								
EM2	1998	3426395	0.369	0.25	0.250	2000	579809	0.237	0.25	0.237	2387672	0.202	244533	0.205	81.74	7.06	81.7	7
	1999	3317745	0.256	0.25	0.250	2001	295216	0.237	0.25	0.237								
EM3	1998	7226937	0.208	0.18	0.180	2000	769854	0.182	0.18	0.180	6261383	0.140	1919198	0.131	227.27	-34.64	227.2	0
	1999	5147492	0.226	0.18	0.180	2001	1805761	0.124	0.18	0.124								
LH1	1998	9406670	0.238	0.15	0.150	1999	1466923	0.218	0.15	0.150	4970611	0.126	1496145	0.132	96.20	60.46	96.2	60.4
	1999	6742890	0.257	0.15	0.150	2000	2494874	0.179	0.15	0.150								
LH2	1998	16332796	0.252	0.19	0.190	1999	3788148	0.164	0.19	0.164	12180937	0.027	3698925	0.039	1125.86	293.16	1125.8	293.1
	1999	15897938	0.143	0.19	0.143	2000	4642917	0.190	0.19	0.190								
NL1	1998	4534577	0.281	0.17	0.170	2000	1040503	0.159	0.17	0.159	3613566	0.147	687735	0.120	49.14	13.71	49.1	13.7
	1999	4105882	0.269	0.17	0.170	2001	630534	0.142	0.17	0.142								
NL2	1998	4579258	0.303	0.17	0.170	2000	1181071	0.223	0.17	0.170	2968361	0.132	617439	0.104	70.84	46.30	70.8	46.3
	1999	2974514	0.272	0.17	0.170	2001	885292	0.155	0.17	0.155								
NL3	1998	8337893	0.360	0.24	0.240	2000	3969618	0.248	0.24	0.240	5476805	0.154	967127	0.160	332.31	105.90	332.3	105.8
	1999	7205586	0.357	0.24	0.240	2001	2351683	0.193	0.24	0.193								
NM4	1998	1507482	0.414	0.24	0.240	1999	178	0.365	0.24	0.240	752847	0.202	0	0.000	22.92	0.02	22.9	0
	1999	891648	0.388	0.24	0.240	2000	75	0.000	0.24	0.000								
PD1	1998	2497822	0.477	0.33	0.330	1999	49720	0.363	0.33	0.330	831582	0.284	34917	0.236	39.26	8.68	39.2	8.6
	1999	1024272	0.324	0.33	0.324	2000	294784	0.332	0.33	0.330								
PD2	1998	1984894	0.551	0.25	0.250	1999	85608	0.484	0.25	0.250	1495900	0.232	44965	0.194	15.95	14.08	15.9	14
	1999	1629652	0.309	0.25	0.250	2000	478078	0.260	0.25	0.250								
PD3	1998	2845714	0.496	0.27	0.270	1999	104489	0.351	0.27	0.270	1394402	0.316	148377	0.245	-55.30	8.13	0	8.1
	1999	1918411	0.406	0.27	0.270	2000	474571	0.290	0.27	0.270								
															Total DERCs (Tons):		2114.3	585.7

ATTACHMENT 3

BASELINE PERIOD DATA

TXU Electric
1998 Baseline Activity

	1998 Baseline Activity (mmBtu)													
Unit	January 1998	February 1998	March 1998	April 1998	May 1998	June 1998	July 1998	August 1998	September 1998	October 1998	November 1998	December 1998	Ozone	Nonozone
CO1	13,085.6	113,102.8	91,298.7	46,316.2	441,980.5	632,568.0	667,087.9	661,396.9	477,439.0	119,841.1	98,816.7	141,236.1	3,137,928.2	366,241.2
EM1	0.0	9,351.9	45,787.0	33,562.3	237,506.6	453,690.2	581,850.7	347,200.1	418,185.2	22,937.9	0.0	54,316.9	2,140,720.2	63,668.8
EM2	6,576.9	22,548.1	134,798.0	188,518.5	579,596.9	908,159.6	791,885.3	415,398.9	408,038.1	0.0	0.0	0.0	3,426,395.3	29,125.0
EM3	148,987.4	107,816.9	195,131.9	332,913.6	773,755.5	1,273,662.5	1,819,013.5	1,304,884.4	1,083,418.7	444,157.3	276,998.0	351,671.3	7,226,937.5	885,473.5
LH1	344,752.1	383,801.5	616,686.5	215,062.8	1,030,634.7	1,696,355.9	1,890,838.3	1,893,387.7	1,462,043.5	601,660.7	546,014.2	474,087.6	9,406,670.0	1,748,655.4
LH2	314,601.4	159,660.0	1,428,445.5	2,000,352.6	2,187,320.3	2,344,552.6	2,626,368.2	2,431,377.2	2,313,537.5	1,000,841.7	318,258.7	1,171,328.5	16,332,795.6	1,963,848.7
NL1	88,169.1	49,246.2	388,759.6	359,306.3	743,253.8	741,234.9	958,854.3	867,302.6	405,886.8	69,978.4	294,217.7	178,101.7	4,534,576.7	609,734.7
NL2	76,992.2	132,041.9	405,670.2	171,647.5	322,817.5	795,990.2	978,411.7	858,803.8	618,651.3	427,265.6	40,280.5	278,424.4	4,579,257.8	527,739.0
NL3	446,967.7	654,140.1	394,116.8	8,871.7	1,414,924.0	1,391,309.3	1,664,593.7	1,500,541.5	1,177,770.3	785,765.4	715,417.8	467,921.7	8,337,892.6	2,284,447.2
NM4				0.0	0.0	245,887.9	562,184.1	362,635.6	279,510.6	57,263.4	0.0	0.0	1,507,481.6	0.0
PD1	0.0	0.0	109,101.6	14,629.5	355,409.0	510,127.1	614,329.0	540,035.7	334,228.6	19,961.5	0.0	42,909.5	2,497,821.9	42,909.5
PD2	0.0	41,238.8	95,762.8	77,104.9	316,565.8	405,607.7	489,255.2	202,229.0	328,991.8	69,376.5	20,212.5	57,108.2	1,984,893.7	118,559.5
PD3	2,119.2	27,783.4	39,235.6	92,028.9	397,865.1	518,114.2	510,598.9	640,859.1	555,071.6	91,940.3	10,369.4	121,754.8	2,845,713.6	162,026.8

TXU Electric
1998 Baseline Emissions

	1998 Baseline Emissions (lb)													
Unit	January 1998	February 1998	March 1998	April 1998	May 1998	June 1998	July 1998	August 1998	September 1998	October 1998	November 1998	December 1998	Ozone	Nonozone
CO1	1,150.67	14,721.45	10,791.39	4,612.43	68,519.69	114,705.33	123,876.76	120,179.36	83,275.32	16,558.57	14,876.19	21,062.37	542,518.85	51,810.68
EM1	0.00	7,142.75	30,938.37	26,677.31	188,402.36	320,700.86	438,057.08	249,212.08	318,378.78	14,461.98	0.00	38,291.37	1,586,828.81	45,434.12
EM2	1,878.72	6,602.75	53,788.26	75,757.33	213,117.90	340,526.56	311,689.94	144,109.96	123,954.34	0.00	0.00	0.00	1,262,944.30	8,481.47
EM3	27,476.14	19,441.71	30,563.76	66,743.03	163,791.24	272,385.80	405,650.00	275,490.33	202,905.62	85,313.02	47,430.92	61,557.58	1,502,842.81	155,906.34
LH1	61,222.48	67,783.90	110,430.23	37,831.47	246,588.87	385,844.48	492,604.86	506,195.25	340,397.22	116,703.03	113,433.49	92,229.72	2,236,595.41	334,669.59
LH2	94,538.44	49,159.86	427,043.71	567,366.49	622,058.43	684,484.18	816,090.45	522,089.30	335,500.37	148,438.70	55,827.01	240,390.01	4,123,071.63	439,915.31
NL1	21,694.59	9,703.60	88,322.12	106,202.76	208,593.94	206,096.78	275,548.67	253,210.69	117,053.66	18,348.52	81,111.46	21,697.43	1,273,377.15	134,207.08
NL2	18,833.69	30,935.98	111,345.73	53,858.68	96,114.26	242,601.86	318,684.23	267,867.10	193,095.92	106,104.95	7,939.39	55,795.94	1,389,672.74	113,505.00
NL3	126,707.75	164,182.48	105,524.06	1,099.87	526,020.69	493,552.67	659,680.27	548,910.46	429,724.14	239,416.52	204,344.96	128,759.48	3,003,928.69	623,994.67
NM4	0	0	0	0.00	0.00	111,633.12	242,993.20	143,070.69	107,081.93	19,697.61	0.00	0.00	624,476.55	0.00
PD1	0.00	0.00	45,705.33	5,100.44	157,961.09	257,938.51	319,458.87	253,678.18	143,353.55	7,757.90	0.00	17,411.72	1,190,953.87	17,411.72
PD2	0.00	24,463.53	47,997.58	44,725.82	174,759.05	218,356.76	289,210.91	94,614.98	182,435.89	42,041.38	12,972.81	41,437.59	1,094,142.37	78,873.94
PD3	417.42	8,595.53	12,626.58	34,782.46	181,686.64	241,247.61	260,170.29	334,601.56	298,205.29	46,855.58	2,755.02	69,621.56	1,410,176.01	81,389.53

TXU Electric
1998 Baseline Emission Rate

	1998 Baseline Emissions (lb/mmBtu)													
Unit	January 1998	February 1998	March 1998	April 1998	May 1998	June 1998	July 1998	August 1998	September 1998	October 1998	November 1998	December 1998	Ozone	Nonozone
CO1	0.088	0.130	0.118	0.100	0.155	0.181	0.186	0.182	0.174	0.138	0.151	0.149	0.173	0.141
EM1	0.000	0.764	0.676	0.795	0.793	0.707	0.753	0.718	0.761	0.630	0.000	0.705	0.741	0.714
EM2	0.286	0.293	0.399	0.402	0.368	0.375	0.394	0.347	0.304	0.000	0.000	0.000	0.369	0.291
EM3	0.184	0.180	0.157	0.200	0.212	0.214	0.223	0.211	0.187	0.192	0.171	0.175	0.208	0.176
LH1	0.178	0.177	0.179	0.176	0.239	0.227	0.261	0.267	0.233	0.194	0.208	0.195	0.238	0.191
LH2	0.301	0.308	0.299	0.284	0.284	0.292	0.311	0.215	0.145	0.148	0.175	0.205	0.252	0.224
NL1	0.246	0.197	0.227	0.296	0.281	0.278	0.287	0.292	0.288	0.262	0.276	0.122	0.281	0.220
NL2	0.245	0.234	0.274	0.314	0.298	0.305	0.326	0.312	0.312	0.248	0.197	0.200	0.303	0.215
NL3	0.283	0.251	0.268	0.124	0.372	0.355	0.396	0.366	0.365	0.305	0.286	0.275	0.360	0.273
NM4	0.000	0.000	0.000	0.000	0.000	0.454	0.432	0.395	0.383	0.344	0.000	0.000	0.414	0.000
PD1	0.000	0.000	0.419	0.349	0.444	0.506	0.520	0.470	0.429	0.389	0.000	0.406	0.477	0.406
PD2	0.000	0.593	0.501	0.580	0.552	0.538	0.591	0.468	0.555	0.606	0.642	0.726	0.551	0.665
PD3	0.197	0.309	0.322	0.378	0.457	0.466	0.510	0.522	0.537	0.510	0.266	0.572	0.496	0.502

TXU Electric
1999 Baseline Activity

	1999 Baseline Activity (mmBtu)													
Unit	January 1999	February 1999	March 1999	April 1999	May 1999	June 1999	July 1999	August 1999	September 1999	October 1999	November 1999	December 1999	Ozone	Nonozone
CO1	129,666.6	63,171.1	110,856.4	240,567.2	97,219.7	360,116.4	252,893.0	530,488.1	45,335.6	5,150.3	70,129.8	126,501.0	1,642,626.7	389,468.4
EM1	43,935.7	0.0	462.4	89,583.5	12,421.6	73,418.2	339,309.6	437,645.8	99,443.2	55,872.9	0.0	0.0	1,108,157.2	43,935.7
EM2	55,206.0	95,076.4	22.7	267,674.8	275,466.9	598,920.3	722,314.1	889,789.0	387,018.3	176,538.4	21,489.4	109,298.6	3,317,744.6	281,070.3
EM3	225,262.3	93,994.3	396,699.7	605,049.3	176,766.4	603,837.2	1,106,156.5	1,326,909.1	518,973.4	413,100.8	310,018.9	58,027.7	5,147,492.4	687,303.2
LH1	367,292.3	106,842.4	592,473.3	664,195.4	446,085.5	679,329.4	1,302,904.5	1,608,213.4	693,075.6	756,613.2	583,344.4	409,443.8	6,742,890.2	1,466,923.0
LH2	825,104.8	1,191,359.4	2,182,604.2	1,741,609.9	1,886,853.7	2,089,998.9	2,384,702.8	2,399,296.6	2,152,924.2	1,059,947.8	210,837.9	1,560,845.8	15,897,938.1	3,788,148.0
NL1	139,317.2	46,781.9	399,752.7	513,324.9	242,408.4	512,462.5	657,587.3	753,046.7	478,895.5	548,403.9	69,049.5	217,173.4	4,105,881.8	472,322.0
NL2	134,756.2	205,241.0	129,102.7	0.0	0.0	426,744.6	768,784.3	849,638.7	294,109.5	506,134.2	238,024.8	222,587.0	2,974,514.0	800,609.0
NL3	594,919.5	557,575.4	650,619.7	216,754.2	604,199.9	1,153,208.8	1,248,378.8	1,464,202.1	880,911.7	987,310.4	352,500.8	258,173.7	7,205,585.7	1,763,169.4
NM4	0.0	0.0	0.0	0.0	808.5	78,623.1	316,705.9	448,676.1	46,834.8	0.0	178.2	0.0	891,648.4	178.2
PD1	39,339.4	0.0	0.0	175,240.6	3,490.9	174,637.6	182,330.0	368,787.0	77,105.7	42,680.4	0.0	10,381.1	1,024,272.2	49,720.5
PD2	53,170.6	1,612.4	79,871.8	181,951.2	24,478.2	218,535.9	360,433.8	437,508.2	184,579.8	142,293.0	0.0	30,824.8	1,629,651.7	85,607.8
PD3	56,397.0	0.0	4,400.1	225,134.6	95,385.0	263,438.4	473,616.1	619,045.4	137,629.0	99,762.5	21,618.7	26,473.6	1,918,411.1	104,489.3

TXU Electric
1999 Baseline Emissions

	1999 Baseline Emissions (lb)													
Unit	January 1999	February 1999	March 1999	April 1999	May 1999	June 1999	July 1999	August 1999	September 1999	October 1999	November 1999	December 1999	Ozone	Nonozone
CO1	19,836.1	8,718.8	17,980.0	36,604.1	14,675.2	49,253.6	35,333.0	64,411.0	4,540.3	569.7	8,487.2	16,808.3	223,366.9	53,850.4
EM1	26,297.4	0.0	153.1	66,180.0	4,176.6	16,810.1	109,924.3	160,297.5	32,058.4	19,217.1	0.0	0.0	408,817.1	26,297.4
EM2	13,473.5	32,859.0	0.6	92,117.7	70,440.9	132,417.0	168,843.0	244,124.2	101,601.0	40,941.1	4,022.8	24,405.7	850,485.5	74,760.9
EM3	35,808.1	17,153.5	71,934.3	126,000.3	34,536.6	123,584.6	254,832.7	317,567.8	127,198.4	106,097.4	67,457.1	11,400.0	1,161,752.1	131,818.8
LH1	64,580.2	27,541.5	139,048.7	165,812.4	95,141.7	163,419.3	345,153.9	437,371.2	193,587.1	194,419.1	135,083.7	91,947.2	1,733,953.6	319,152.6
LH2	139,226.1	185,681.1	316,908.4	254,654.7	268,972.6	284,143.0	327,903.4	342,562.5	314,128.0	156,909.7	31,804.4	265,383.5	2,266,182.3	622,095.1
NL1	24,068.9	8,414.2	113,343.3	140,667.8	60,123.0	130,038.4	159,714.5	202,159.0	139,052.4	160,438.3	17,763.1	48,349.4	1,105,536.6	98,595.5
NL2	24,522.0	44,360.8	26,943.1	0.0	0.0	111,642.4	199,140.8	242,155.2	82,077.9	146,973.2	56,885.0	51,074.7	808,932.6	176,842.4
NL3	151,049.7	145,829.4	205,041.6	78,189.5	176,078.2	383,648.8	468,485.4	573,460.1	333,322.8	353,850.9	116,743.8	100,808.8	2,572,077.3	514,431.7
NM4	0.0	0.0	0.0	0.0	207.0	29,199.8	121,261.5	178,856.9	16,625.3	0.0	65.0	0.0	346,150.5	65.0
PD1	14,529.3	0.0	0.0	68,873.1	1,106.6	66,965.7	65,287.5	97,232.5	20,465.6	12,256.4	0.0	3,531.7	332,187.3	18,061.0
PD2	34,999.9	548.2	69,758.9	117,449.6	14,606.0	86,728.3	68,982.3	90,204.5	32,443.0	23,211.0	0.00	5,911.55	503,383.6	41,459.7
PD3	26,172.84	0.00	1,012.03	143,200.17	58,705.77	153,031.02	173,433.44	177,025.35	40,041.33	32,221.99	5,779.90	4,714.49	778,671.1	36,667.2

TXU Electric
1999 Baseline Emission Rate

	1999 Baseline Emissions (lb/mmBtu)													
Unit	January 1999	February 1999	March 1999	April 1999	May 1999	June 1999	July 1999	August 1999	September 1999	October 1999	November 1999	December 1999	Ozone	Nonozone
CO1	0.153	0.138	0.162	0.152	0.151	0.137	0.140	0.121	0.100	0.111	0.121	0.133	0.136	0.138
EM1	0.599	0.000	0.331	0.739	0.336	0.229	0.324	0.366	0.322	0.344	0.000	0.000	0.369	0.599
EM2	0.244	0.346	0.024	0.344	0.256	0.221	0.234	0.274	0.263	0.232	0.187	0.223	0.256	0.266
EM3	0.159	0.182	0.181	0.208	0.195	0.205	0.230	0.239	0.245	0.257	0.218	0.196	0.226	0.192
LH1	0.176	0.258	0.235	0.250	0.213	0.241	0.265	0.272	0.279	0.257	0.232	0.225	0.257	0.218
LH2	0.169	0.156	0.145	0.146	0.143	0.136	0.138	0.143	0.146	0.148	0.151	0.170	0.143	0.164
NL1	0.173	0.180	0.284	0.274	0.248	0.254	0.243	0.268	0.290	0.293	0.257	0.223	0.269	0.209
NL2	0.182	0.216	0.209	0.000	0.000	0.262	0.259	0.285	0.279	0.290	0.239	0.229	0.272	0.221
NL3	0.254	0.262	0.315	0.361	0.291	0.333	0.375	0.392	0.378	0.358	0.331	0.390	0.357	0.292
NM4	0.000	0.000	0.000	0.000	0.256	0.371	0.383	0.399	0.355	0.000	0.365	0.000	0.388	0.365
PD1	0.369	0.000	0.000	0.393	0.317	0.383	0.358	0.264	0.265	0.287	0.000	0.340	0.324	0.363
PD2	0.658	0.340	0.873	0.646	0.597	0.397	0.191	0.206	0.176	0.163	0.000	0.192	0.309	0.484
PD3	0.464	0.000	0.230	0.636	0.615	0.581	0.366	0.286	0.291	0.323	0.267	0.178	0.406	0.351

TXU Electric
2000 Baseline Activity

	2000 Baseline Activity (mmBtu)													
Unit	January 2000	February 2000	March 2000	April 2000	May 2000	June 2000	July 2000	August 2000	September 2000	October 2000	November 2000	December 2000	Ozone	Nonozone
CO1	150,584.8	157,517.3	219,188.1	194,069.6	99,178.6	422,207.5	510,806.4	723,163.4	309,183.9	368,201.6	277,874.1	3,006.4	2,845,999.1	588,982.7
EM1	28,889.5	2,283.4	0.0	99,415.2	279,436.9	130,358.6	337,099.8	586,148.7	244,171.5	75,094.5	82,166.9	171,936.2	1,751,725.2	285,276.1
EM2	130,071.0	1,000.2	0.0	0.0	939.2	10,434.3	784,819.0	769,690.1	275,872.4	402,881.3	168,854.5	279,883.8	2,244,636.3	579,809.4
EM3	277,760.4	132,309.7	276,133.5	422,858.7	685,205.7	280,434.1	1,130,318.0	1,455,478.1	824,336.8	623,879.0	40,419.7	319,363.8	5,698,643.9	769,853.6
LH1	332,974.9	546,392.5	530,333.2	280,328.7	1,223,140.9	674,072.8	1,224,214.6	1,396,117.1	743,167.1	954,316.7	610,027.4	1,005,479.8	7,025,691.0	2,494,874.5
LH2	1,496,021.3	862,252.3	1,818,218.1	1,460,167.6	2,054,258.1	1,825,624.2	2,153,959.9	2,231,312.7	1,867,504.1	1,316,325.8	1,234,331.2	1,050,312.2	14,727,370.4	4,642,917.1
NL1	144,580.7	26,898.2	0.0	0.0	46,736.9	415,282.3	506,003.7	805,034.3	524,524.8	221,276.3	285,477.2	583,546.5	2,518,858.3	1,040,502.7
NL2	188,818.9	190,649.3	177,853.8	150,748.2	554,012.7	455,276.9	693,154.8	785,009.8	573,481.8	277,509.4	233,643.4	567,959.0	3,667,047.2	1,181,070.7
NL3	1,426,142.3	611,678.2	902,271.1	822,508.2	1,153,539.0	1,064,150.5	1,403,110.2	1,403,279.2	1,005,467.7	487,191.5	889,323.3	1,042,474.2	8,241,517.5	3,969,618.0
NM4	0.0	74.8	0.0	0.0	274,394.0	341,939.8	446,690.0	441,433.3	353,653.0	257.8	0.0	0.0	1,858,368.0	74.8
PD1	61,995.8	0.0	12,292.8	71,859.7	224,906.4	261,825.8	371,959.0	325,450.8	127,852.9	45,881.0	71,558.7	161,229.0	1,442,028.3	294,783.5
PD2	105,443.8	1,548.2	33,619.2	22.2	292,678.5	289,941.1	468,824.7	548,044.3	342,116.0	170,618.2	152,574.6	218,511.1	2,145,864.2	478,077.8
PD3	125,834.8	0.0	62,695.3	143,974.3	434,632.2	308,952.2	553,641.7	629,667.3	343,036.4	211,740.6	33,139.4	315,597.2	2,688,340.2	474,571.5

TXU Electric
2000 Baseline Emissions

	2000 Baseline Emissions (lb)													
Unit	January 2000	February 2000	March 2000	April 2000	May 2000	June 2000	July 2000	August 2000	September 2000	October 2000	November 2000	December 2000	Ozone	Nonozone
CO1	14,473.7	20,640.0	30,981.7	26,138.5	7,963.8	29,285.2	36,111.5	58,055.1	21,805.4	22,966.2	22,137.5	173.2	233,307.4	57,424.4
EM1	18,750.2	695.0	0.0	33,316.5	83,846.4	46,114.3	109,814.6	172,978.7	82,380.2	30,353.6	25,135.2	61,514.0	558,804.3	106,094.4
EM2	29,244.7	6.1	0.0	0.0	13.7	1,054.0	143,115.2	159,719.3	54,790.2	79,490.3	41,536.2	66,541.6	438,182.6	137,328.7
EM3	56,744.1	24,258.0	55,704.1	92,208.0	138,801.5	56,652.8	246,764.2	333,100.9	192,514.9	134,463.6	8,658.8	50,093.8	1,250,210.0	139,754.7
LH1	75,462.0	126,103.5	127,899.3	54,667.8	155,296.9	81,117.6	153,465.0	180,203.8	92,974.1	122,851.9	84,105.5	161,035.8	968,476.4	446,706.9
LH2	270,506.1	144,271.6	304,295.4	244,091.9	337,447.7	289,833.4	335,330.2	346,339.9	299,240.4	224,785.8	221,937.3	244,731.5	2,381,364.6	881,446.5
NL1	27,292.0	5,605.2	0.0	0.0	12,350.7	109,891.2	143,153.2	243,547.7	153,168.7	64,493.2	47,195.1	85,030.1	726,604.6	165,122.4
NL2	40,551.1	40,563.1	38,133.0	48,544.9	173,505.1	137,708.1	256,865.3	285,763.4	191,711.8	97,331.4	50,643.3	131,168.3	1,229,562.9	262,925.8
NL3	398,912.9	148,023.6	219,124.2	189,920.6	263,986.9	243,274.3	336,067.6	348,446.5	248,686.9	116,002.6	202,488.6	233,669.3	1,965,509.5	983,094.3
NM4	0.0	0.0	0.0	0.0	105013.6	125372.7	168031.5	137682.2	68581.3	103.8	0.0	0.0	604,785.2	0.0
PD1	20,502.1	0.0	3,242.5	20,756.0	64,987.4	75,386.6	111,758.8	102,960.4	40,757.7	16,293.7	26,890.0	50,576.5	436,143.1	97,968.6
PD2	25,456.5	46.3	8,653.6	0.8	66,120.3	66,393.6	101,236.1	130,313.8	89,374.1	47,880.3	42,733.4	55,831.7	509,972.5	124,067.9
PD3	39,723.3	0.0	16,301.3	40,795.9	112,411.4	76,918.7	139,804.0	176,442.2	98,451.7	59,123.7	9,659.9	88,072.2	720,248.8	137,455.4

TXU Electric
2000 Baseline Emission Rate

	2000 Baseline Emissions (lb/mmBtu)													
Unit	January 2000	February 2000	March 2000	April 2000	May 2000	June 2000	July 2000	August 2000	September 2000	October 2000	November 2000	December 2000	Ozone	Nonozone
CO1	0.096	0.131	0.141	0.135	0.080	0.069	0.071	0.080	0.071	0.062	0.080	0.058	0.082	0.097
EM1	0.649	0.304	0.000	0.335	0.300	0.354	0.326	0.295	0.337	0.404	0.306	0.358	0.319	0.372
EM2	0.225	0.006	0.000	0.000	0.015	0.101	0.182	0.208	0.199	0.197	0.246	0.238	0.195	0.237
EM3	0.204	0.183	0.202	0.218	0.203	0.202	0.218	0.229	0.234	0.216	0.214	0.157	0.219	0.182
LH1	0.227	0.231	0.241	0.195	0.127	0.120	0.125	0.129	0.125	0.129	0.138	0.160	0.138	0.179
LH2	0.181	0.167	0.167	0.167	0.164	0.159	0.156	0.155	0.160	0.171	0.180	0.233	0.162	0.190
NL1	0.189	0.208	0.000	0.000	0.264	0.265	0.283	0.303	0.292	0.291	0.165	0.146	0.288	0.159
NL2	0.215	0.213	0.214	0.322	0.313	0.302	0.371	0.364	0.334	0.351	0.217	0.231	0.335	0.223
NL3	0.280	0.242	0.243	0.231	0.229	0.229	0.240	0.248	0.247	0.238	0.228	0.224	0.238	0.248
NM4	0.000	0.000	0.000	0.000	0.383	0.367	0.376	0.312	0.194	0.403	0.000	0.000	0.325	0.000
PD1	0.331	0.000	0.264	0.289	0.289	0.288	0.300	0.316	0.319	0.355	0.376	0.314	0.302	0.332
PD2	0.241	0.030	0.257	0.035	0.226	0.229	0.216	0.238	0.261	0.281	0.280	0.256	0.238	0.260
PD3	0.316	0.000	0.260	0.283	0.259	0.249	0.253	0.280	0.287	0.279	0.291	0.279	0.268	0.290

TXU Electric
2001 Baseline Activity

	2001 Baseline Activity (mmBtu)													
Unit	January 2001	February 2001	March 2001	April 2001	May 2001	June 2001	July 2001	August 2001	September 2001	October 2001	November 2001	December 2001	Ozone	Non-Ozone
CO1	0	37,931	145,526	240,010	224,088	196,388	509,968	548,538	200,951	24,321	113,153	71,809	2,089,790	222,893
EM1	44,170	135,240	161,270	0	41,435	34,916	190,870	326,639	31,079	36,687	11,703	32,997	822,896	224,111
EM2	68,680	59,915	28,103	88,643	236,592	318,708	599,168	578,472	45,109	117,724	129,654	36,966	2,012,520	295,216
EM3	84,305	21,119	312,694	257,735	484,338	373,684	896,068	1,364,218	522,639	770,230	893,707	806,630	4,981,608	1,805,761
LH1	0	0	651,548	531,480	764,249	751,444	930,920	945,908	433,682	0	0	125,060	5,009,231	125,060
LH2	0	0	0	1,314,431	1,640,997	781,868	2,007,305	1,983,495	1,648,703	1,269,531	1,157,956	573,760	10,646,330	1,731,715
NL1	281,056	116,036	120,564	336,695	431,248	397,943	820,050	593,229	310,819	151,366	113,364	120,078	3,161,914	630,534
NL2	363,826	142,511	190,361	347,119	446,943	408,498	649,241	694,579	363,501	223,707	147,703	231,252	3,323,950	885,292
NL3	756,993	372,515	404,732	862,329	132	205,449	1,152,362	1,232,171	429,886	544,593	617,045	605,131	4,831,655	2,351,683
NM4	0	0	0	0	2,148			150,154	51,686	0	0	0	203,988	0
PD1	28,908	437	1,432	13,959	0	26,674	237,612	252,612	6,922	8,054	5,372	0	547,265	34,718
PD2	50,509	0	0	78,279	102,908	40,453	269,150	331,291	31,530	46,658	0	229	900,269	50,738
PD3	81,173	20,605	63,161	34,026	135,059	103,530	354,919	405,204	75,913	134,373	2	0	1,306,184	101,780

TXU Electric
2001 Baseline Emissions

	2001 Baseline Emissions (lb)													
Unit	January 2001	February 2001	March 2001	April 2001	May 2001	June 2001	July 2001	August 2001	September 2001	October 2001	November 2001	December 2001	Ozone	Nonozone
CO1	-	2,331	9,025	12,777	11,792	11,123	31,272	33,610	11,808.0	1,343	5,587	3,928	122,748.0	11,846.9
EM1	15,858.0	47,951.0	48,576.0	0.0	10,515.0	7,596.0	64,828.0	87,651.0	9,484.0	10,437.0	3,080.0	10,293.0	239,087.0	77,182.0
EM2	19,440.0	13,868.0	6,615.0	21,925.0	52,717.0	71,199.0	138,731.0	126,622.0	8,983.0	26,390.0	30,032.0	7,493.0	453,182.0	70,833.0
EM3	13,939.0	2,061.0	43,622.0	35,585.0	62,436.0	51,133.0	137,282.0	177,937.0	50,291.0	95,478.0	101,483.0	95,660.0	653,764.0	213,143.0
LH1	84,826.0	87,689.0	108,592.0	74,584.0	103,945.0	105,290.0	131,019.0	131,893.0	57,305.0	0.0	0.0	18,243.0	712,628.0	190,758.0
LH2	337,115.0	198,116.0	194,116.0	234,508.0	249,494.0	101,645.0	257,261.0	235,752.0	207,422.0	157,913.0	131,541.0	61,330.0	1,638,111.0	728,102.0
NL1	46,320.0	19,022.0	13,465.0	39,399.0	69,394.0	53,286.0	130,362.0	80,535.0	37,848.0	17,661.0	13,568.0	14,382.0	441,950.0	93,292.0
NL2	79,625.0	29,328.0	21,593.0	44,253.0	65,924.0	49,777.0	94,512.0	96,330.0	33,762.0	25,980.0	13,773.0	23,481.0	432,131.0	146,207.0
NL3	165,209.0	75,790.0	78,571.0	178,075.0	2.0	34,869.0	212,578.0	189,506.0	67,769.0	96,061.0	104,729.0	108,737.0	857,431.0	454,465.0
NM4	0.0	0.0	0.0	0.0	389.0	0.0	0.0	23688.0	7753.0	0.0	0.0	0.0	31,830.0	0.0
PD1	10,415.0	101.0	298.0	3,424.0	0.0	6,055.0	71,700.0	79,554.0	1,764.0	2,322.0	1,185.0	0.0	165,117.0	11,701.0
PD2	12,365.0	0.0	0.0	18,547.0	24,280.0	8,211.0	68,562.0	85,671.0	6,856.0	9,766.0	0.0	10.0	221,893.0	12,375.0
PD3	23,930.0	6,296.0	18,011.0	6,515.0	38,593.0	25,821.0	92,883.0	110,045.0	20,050.0	34,767.0	0.0	0.0	346,685.0	30,226.0

TXU Electric
2001 Baseline Emission Rate

	2001 Baseline Emissions (lb/mmBtu)													
Unit	January 2001	February 2001	March 2001	April 2001	May 2001	June 2001	July 2001	August 2001	September 2001	October 2001	November 2001	December 2001	Ozone	Nonozone
CO1	0.000	0.061	0.062	0.053	0.053	0.057	0.061	0.061	0.059	0.055	0.049	0.055	0.058	0.041
EM1	0.359	0.355	0.301	0.000	0.254	0.218	0.340	0.268	0.305	0.284	0.263	0.312	0.246	0.322
EM2	0.283	0.231	0.235	0.247	0.223	0.223	0.232	0.219	0.199	0.224	0.232	0.203	0.225	0.237
EM3	0.165	0.098	0.140	0.138	0.129	0.137	0.153	0.130	0.096	0.124	0.114	0.119	0.131	0.124
LH1	0.000	0.000	0.167	0.140	0.136	0.140	0.141	0.139	0.132	0.000	0.000	0.146	0.124	0.036
LH2	0.000	0.000	0.000	0.178	0.152	0.130	0.128	0.119	0.126	0.124	0.114	0.107	0.120	0.055
NL1	0.165	0.164	0.112	0.117	0.161	0.134	0.159	0.136	0.122	0.117	0.120	0.120	0.132	0.142
NL2	0.219	0.206	0.113	0.127	0.147	0.122	0.146	0.139	0.093	0.116	0.093	0.102	0.125	0.155
NL3	0.218	0.203	0.194	0.207	0.015	0.170	0.184	0.154	0.158	0.176	0.170	0.180	0.157	0.193
NM4	0.000	0.000	0.000	0.000	0.181	0.000	0.000	0.158	0.150	0.000	0.000	0.000	0.061	0.000
PD1	0.360	0.231	0.208	0.245	0.000	0.227	0.302	0.315	0.255	0.288	0.221	0.000	0.230	0.203
PD2	0.245	0.000	0.000	0.237	0.236	0.203	0.255	0.259	0.217	0.209	0.000	0.044	0.202	0.072
PD3	0.295	0.306	0.285	0.191	0.286	0.249	0.262	0.272	0.264	0.259	0.000	0.000	0.258	0.150

TXU ELECTRIC COMPANY

SUMMARY OF BASELINE DATA FOR DERC GENERATION PERIOD
APRIL 1, 2002 THROUGH MARCH 31, 2003

Unit	1998 TNRCC EI Emissions (Tons)	Baseline Activity (mmBtu)						Baseline Emission Rate (lb/mmBtu)							
		1998-1999		1999-2000		2000-2001		1998		1999		2000		2001	
		Ozone	Non-Ozone	Ozone	Non-Ozone	Ozone	Non-Ozone	Ozone	Non-Ozone	Ozone	Non-Ozone	Ozone	Non-Ozone	Ozone	Non-Ozone
CO1	275	2390277	377855	1115805	489226	2467894	405938	0.173	0.141	0.136	0.138	0.082	0.097	0.058	0.041
EM1	816	1624439	53802	696717	164606	1287310	254694	0.741	0.714	0.369	0.599	0.319	0.372	0.246	0.322
EM2	636	3372070	155098	1948777	430440	2128578	437513	0.369	0.291	0.256	0.266	0.195	0.237	0.225	0.237
EM3	829	6187215	786388	2958673	728578	5340126	1287807	0.208	0.176	0.226	0.192	0.219	0.182	0.131	0.124
LH1	1286	8074780	1607789	4618882	1980899	6017461	1309967	0.238	0.191	0.257	0.218	0.138	0.179	0.124	0.036
LH2	2282	16115367	2875998	10270428	4215533	12686850	3187316	0.252	0.224	0.143	0.164	0.162	0.190	0.120	0.055
NL1	704	4320229	541028	2573192	756412	2840386	835518	0.281	0.220	0.269	0.209	0.288	0.159	0.132	0.142
NL2	752	3776886	664174	2077792	990840	3495499	1033181	0.303	0.215	0.272	0.221	0.335	0.223	0.125	0.155
NL3	1814	7771739	2023808	5587602	2866394	6536586	3160651	0.360	0.273	0.357	0.292	0.238	0.248	0.157	0.193
NM4		1199565	89	445862	126	1031178	37	0.414	0.000	0.388	0.365	0.325	0.000	0.061	0.000
PD1	627	1761047	46315	659528	172252	994647	164751	0.477	0.406	0.324	0.363	0.302	0.332	0.230	0.203
PD2	596	1807273	102084	1053865	281843	1523067	264408	0.551	0.665	0.309	0.484	0.238	0.260	0.202	0.072
PD3	746.00	2382062	133258	1196491	289530	1997262	288176	0.496	0.502	0.406	0.351	0.268	0.290	0.258	0.150

ATTACHMENT 4

STRATEGY PERIOD DATA

Strategy Data for DFW Units
April 1, 2002-March 31, 2003

	Ozone			Non-Ozone		
Unit	Heat Input	NO_X lbs.	NO_X Rate	Heat Input	NO_X lbs.	NO_X Rate
CO1	1,036,497	61,358	0.059	519	9	0.017
EM1	1,358,044	343,977	0.253	316,008	78,853	0.250
EM2	2,387,672	481,166	0.202	244,533	50,060	0.205
EM3	6,261,383	877,765	0.140	1,919,198	250,896	0.131
LH1	4,970,611	627,155	0.126	1,496,145	197,889	0.132
LH2	12,180,937	327,279	0.027	3,698,925	145,167	0.039
NL1	3,613,566	532,098	0.147	687,735	82,246	0.120
NL2	2,968,361	393,271	0.132	617,439	64,186	0.104
NL3	5,476,805	846,063	0.154	967,127	154,964	0.160
NM4	752,847	151,912	0.202	-	-	-
PD1	831,582	235,966	0.284	34,917	8,241	0.236
PD2	1,495,900	347,577	0.232	44,965	8,711	0.194
PD3	1,394,402	441,228	0.316	148,377	36,281	0.245