# Executive Summary – Enforcement Matter – Case No. 64367 Channel Energy Center, LLC RN100213107 Docket No. 2023-0966-AIR-E

Order Type:

1660 Agreed Order

**Findings Order Justification:** 

N/A **Media**:

AIR

**Small Business:** 

No

Location(s) Where Violation(s) Occurred:

Channel Energy Center, 451 Light Company Road, Pasadena, Harris County

**Type of Operation:** Power generation facility

Other Significant Matters:

Additional Pending Enforcement Actions: No

Past-Due Penalties: No

Other: N/A

Interested Third-Parties: None

**Texas Register Publication Date:** June 13, 2025

Comments Received: No

**Penalty Information** 

**Total Penalty Assessed:** \$14,925

**Amount Deferred for Expedited Settlement:** \$2,985

Total Paid to General Revenue: \$11,940

**Total Due to General Revenue:** \$0

Payment Plan: N/A

**Compliance History Classifications:** 

Person/CN - Satisfactory Site/RN - Satisfactory

**Major Source:** Yes

Statutory Limit Adjustment: N/A

**Applicable Penalty Policy:** January 2021

#### **Investigation Information**

Complaint Date(s): N/A Complaint Information: N/A

Date(s) of Investigation: February 7, 2022 through June 26, 2023 and November 9,

2022 through December 8, 2022

**Date(s) of NOE(s):** July 10, 2023 and August 15, 2023

# Executive Summary – Enforcement Matter – Case No. 64367 Channel Energy Center, LLC RN100213107 Docket No. 2023-0966-AIR-E

#### Violation Information

- 1. Failed to prevent unauthorized emissions. Specifically, the Respondent released 135.00 pounds ("lbs") of ammonia as fugitive emissions, during an emissions event (Incident No. 373967) that began on February 5, 2022 and lasted 21 hours and six minutes [30 Tex. Admin. Code §§ 101.20(3), 116.115(c), and 122.143(4), New Source Review Permit ("NSR") Nos. 42179, PSDTX955M1, and N021M1, Special Conditions ("SC") No. 33, Federal Operating Permit ("FOP") No. 02084, General Terms and Conditions ("GTC") and Special Terms and Conditions ("STC") No. 8, and Tex. Health & Safety Code § 382.085(b)].
- 2. Failed to submit an initial notification for a reportable emissions event no later than 24 hours after the discovery of an emissions event. Specifically, the initial notification for Incident No. 373967 was due by February 6, 2022 at 12:33 p.m., but was not submitted until February 7, 2022 at 9:11 a.m. [30 Tex. ADMIN. CODE §§ 101.201(a)(1)(B) and 122.143(4), FOP No. O2084, GTC and STC No. 2.F, and Tex. Health & Safety Code § 382.085(b)].
- 3. Failed to prevent unauthorized emissions. Specifically, the Respondent released 588.00 lbs of ammonia as fugitive emissions, during an emissions event (Incident No. 376525) that began on March 19, 2022 and lasted 24 hours and 49 minutes [30 Tex. Admin. Code §§ 101.20(3), 116.115(c), and 122.143(4), NSR Permit Nos. 42179, PSDTX955M1, and N021M1, SC No. 33, FOP No. 02084, GTC and STC No. 8, and Tex. Health & Safety Code § 382.085(b)].
- 4. Failed to submit an initial notification for a reportable emissions event no later than 24 hours after the discovery of an emissions event. Specifically, the initial notification for Incident No. 376525 was due by March 20, 2022 at 7:12 a.m., but was not submitted until March 21, 2022 at 3:30 p.m. [30 Tex. ADMIN. CODE §§ 101.201(a)(1)(B) and 122.143(4), FOP No. O2084, GTC and STC No. 2.F, and Tex. Health & Safety Code § 382.085(b)].
- 5. Failed to submit a final record for a reportable emissions event no later than two weeks after the end of the emissions event. Specifically, the final record for Incident No. 376525 was due by April 3, 2022, but was not submitted until May 3, 2022 [30 Tex. Admin. Code §§ 101.201(c) and 122.143(4), FOP No. O2084, GTC and STC No. 2.F, and Tex. Health & Safety Code § 382.085(b)].

# Corrective Actions/Technical Requirements

#### **Corrective Action(s) Completed:**

The Respondent implemented the following corrective measures:

a. On February 7, 2022, submitted the initial notification for Incident No. 373967.

# Executive Summary – Enforcement Matter – Case No. 64367 Channel Energy Center, LLC RN100213107 Docket No. 2023-0966-AIR-E

b. On March 24, 2025, installed pipe covers (socks) on the outlet pipes of all the safety relief valves ("SRV") in the system, reduced the system pressure being maintained by the regulators that control the supply of ammonia from the storage tanks to the distribution header, and created an alarm to alert the operator if the ammonia supply valve to a unit goes closed during operation in order to prevent the recurrence of emissions events due to the same or similar causes as Incident No. 373967.

- c. On March 21, 2022, submitted the initial notification for Incident No. 376525.
- d. On May 3, 2022, submitted the final record for Incident No. 376525.
- e. On August 22, 2023, removed the South Ammonia Tank from service, performed test on all SRV, and replaced leaking SRV RV-71A in order to prevent the recurrence of emissions events due to the same or similar causes as Incident No. 376525.
- f. On August 31, 2023, re-trained all affected personnel on the event reporting and documentation requirements, updated the spill/event reporting matrix to include air emissions event reporting requirements for recordable and reportable events, and posted a copy of the reporting matrix in the control room to facilitate a quick reference as to the requirements to report releases in order to ensure that the initial notifications for reportable emissions events are submitted in a timely manner.

### **Technical Requirements:**

N/A

#### **Contact Information**

TCEQ Attorney: N/A

**TCEQ Enforcement Coordinator:** Yuliya Dunaway, Enforcement Division, Enforcement Team 2, MC R-13, (210) 403-4077; Michael Parrish, Enforcement Division, MC 219, (512) 239-2548

**Respondent:** Edmund Simcik, Jr., Plant Manager, Channel Energy Center, LLC, P.O. Box 1537, Pasadena, Texas 77501

Katherine Piper, Senior Vice President, Channel Energy Center, LLC, P.O. Box 1537,

Pasadena, Texas 77501

Respondent's Attorney: N/A



# Penalty Calculation Worksheet (PCW)

Policy Revision 5 (January 28, 2021) PCW Revision February 11, 2021

DATES Assigned 17-Jul-2023
PCW 21-Mar-2025 Screening 21-Jul-2023 EPA Due

RESPONDENT/FACILITY INFORMATION
Respondent
Reg. Ent. Ref. No.
Facility/Site Region 12-Houston Major/Minor Source Major

CASE INFORMATION

Enf./Case ID No. 64367
Docket No. 2023-0966-AIR-E
Media Program(s) Air
Multi-Media

Multi-Media

Admin. Penalty \$ Limit Minimum \$0 Maximum \$25,000

Penalty Calculation Section **TOTAL BASE PENALTY (Sum of violation base penalties)** \$15,750 Subtotal 1 ADJUSTMENTS (+/-) TO SUBTOTAL 1 Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage. **Compliance History 5.0%** Adjustment Subtotals 2, 3, & 7 \$787 Notes Enhancement due to one NOV with same/simlar violations. Culpability Subtotal 4 \$0 No 0.0% Enhancement Notes The Respondent does not meet the culpability criteria. **Good Faith Effort to Comply Total Adjustments** Subtotal 5 -\$1,612 \$0 0.0% Enhancement\* Subtotal 6 **Economic Benefit** Total EB Amounts \*Capped at the Total EB \$ Amount \$2,398 Estimated Cost of Compliance **SUM OF SUBTOTALS 1-7** Final Subtotal \$14,925 OTHER FACTORS AS JUSTICE MAY REQUIRE 0.0% Adiustment \$0 Reduces or enhances the Final Subtotal by the indicated percentage. Notes Final Penalty Amount \$14,925 STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty \$14,925 20.0% -\$2,985 DEFERRAL Reduction Adjustment Reduces the Final Assessed Penalty by the indicated percentage. Notes Deferral offered for expedited settlement. **PAYABLE PENALTY** \$11,940

Policy Revision 5 (January 28, 2021) PCW Revision February 11, 2021

Respondent Channel Energy Center, LLC

**Case ID No.** 64367

Reg. Ent. Reference No. RN100213107

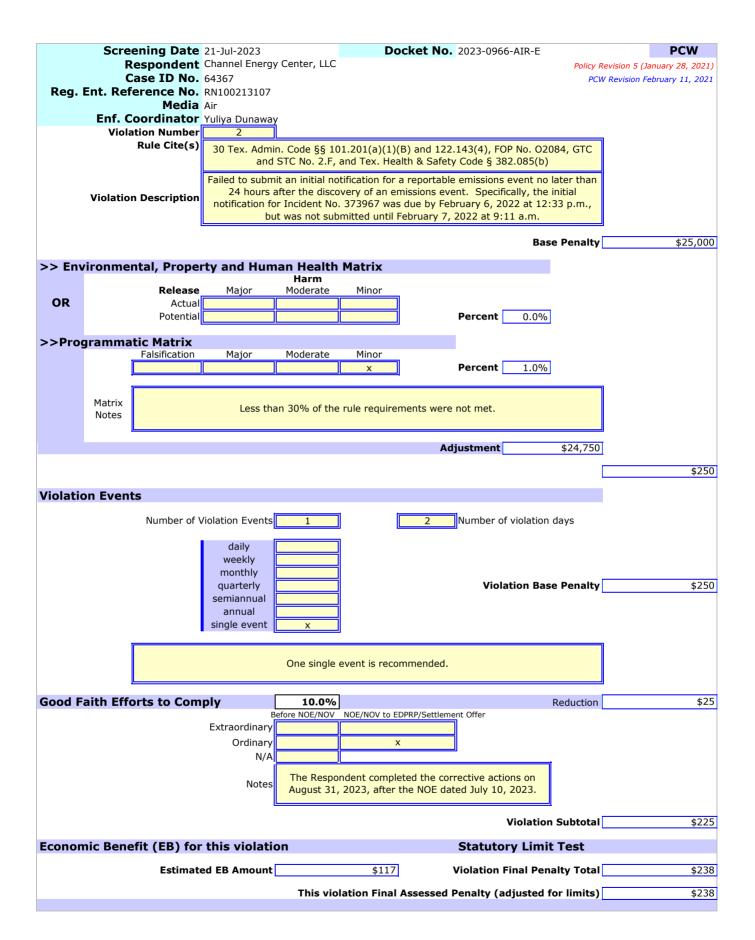
**Media** Air

Enf. Coordinator Yuliya Dunaway

	P 111-4	Compliance History Worksheet			
_		ory <i>Site</i> Enhancement (Subtotal 2)  Number of	Number	Adjust.	
	NOVs	Written notices of violation ("NOVs") with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	1	5%	
		Other written NOVs	0	0%	
		Any agreed final enforcement orders containing a denial of liability ( <i>number of orders meeting criteria</i> )	0	0%	
	Orders	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%	
	udgments	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgments or consent decrees meeting criteria)	0	0%	
di	nd Consent Decrees	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%	
C	Convictions	Any criminal convictions of this state or the federal government ( <i>number of counts</i> )	0	0%	
	Emissions	Chronic excessive emissions events (number of events)	0	0%	
	Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)		0%	
	Audits	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%	
		Environmental management systems in place for one year or more	No	0%	
	Other	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%	
		Participation in a voluntary pollution reduction program	No	0%	
		Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%	
		Adjustment Per	rcentage (Sub	ototal 2)	5%
>> Repea	at Violator	(Subtotal 3)			
	No	Adjustment Per	rcentage (Sub	ototal 3)	0%
>> Comp	liance Histo	ory Person Classification (Subtotal 7)			
9	Satisfactory (	Performer Adjustment Per	rcentage (Sub	ototal 7)	0%
>> Comp	liance Hist	ory Summary		_	
Co	ompliance History Notes	Enhancement due to one NOV with same/simlar violations.			
		Total Compliance History Adjustment Percentage (S	Subtotals 2,	<i>3, &amp; 7)</i> [	5%
>> Final C	ompliance	History Adjustment		_	
		Final Adjustment Percent	age *capped	at 100%	5%

		_	21-Jul-2023		Docke	t No. 2023-0966	-AIR-E	PCW
		•	Channel Energy	Center, LLC			Policy F	Revision 5 (January 28, 2021)
		e ID No.					PCI	N Revision February 11, 2021
Reg.	Ent. Refer		RN100213107					
	Enf Coo	Media	Air Yuliya Dunawa	.,				
		n Number	1	y				
			30 Tex Adm	in Code 88 10	01 20(3) 116 1	15(c), and 122.143	R(4) New Source	
	RI	ıle Cite(s)				DTX955M1, and N0		
			Conditions ("S	C") No. 33, F	ederal Operatin	g Permit ("FOP") No	o. O2084, General	
			Terms and Co			Terms and Condition		
				and Tex.	Health & Safety	Code § 382.085(b)		
			Failed to preve	ent unauthoriz	zed emissions.	Specifically, the Re	spondent released	
	Violation D	occrintion				tive emissions, dur		
	Violation D	escription	event (Inciden	t No. 373967)		• •	and lasted 21 hours	
					and six mir	utes.		
							Base Penalty	\$25,000
>> Env	/ironmenta	al, Propei	rty and Hum	an Health	Matrix		Buse i charry	\$25,000
			<del>-</del>	Harm				
0.0		Release	Major	Moderate	Minor			
OR		Actual			X	Dorgont	20.00/	
		Potential				Percent	30.0%	
>>Proc	grammatic	Matrix						
		alsification	Major	Moderate	Minor			
						Percent	0.0%	
								1
							of pollutants that	
	Notes do	not exceed	l levels that are	•	human health of the violation.	or environmental re	eceptors as a result	
				Ü	the violation.			
						Adjustment	\$17,500	
						7 tajacament	7-1/222	
								\$7,500
Violatio	on Events							
	N	lumber of V	iolation Events	1		1 Number of	violation days	
				_				
			daily					
			weekly					
			monthly	Х		\# - 1 - 1	B B	+7.500
			quarterly semiannual			violat	tion Base Penalty	\$7,500
			annual					
			single event					
								, ,
				One monthly	event is recomi	nenaea.		
Good F	aith Effort	s to Com	ply	10.0%			Reduction	\$750
			В	Sefore NOE/NOV	NOE/NOV to EDPR	P/Settlement Offer		
			Extraordinary					
			Ordinary		Х			
			N/A					
			Niata -	•	•	the corrective action		
			Notes		, 2025, after the ("NOE") dated :	e Notice of Enforcer July 10, 2023.	HEIIL	
			l		, j dated :	,,		
						v	iolation Subtotal	\$6,750
Econon	nic Bonofit	(ER) for	this violation	nn -		Ctatutar	y Limit Test	
LCOHOII	inc belieff	(LB) IUI	tilis violation			Statutor	y Limit lest	
		Estimate	ed EB Amount		\$1,566	Violation Fi	inal Penalty Total	\$7,125
				This viola	tion Final Asse	essed Penalty (ad	justed for limits)	\$7,125
				71010			,	Ψ,,123

	E	conomic	Benefit	Woi	ksheet		
Respondent	Channel Energ	y Center, LLC					
Case ID No.	64367						
Reg. Ent. Reference No.	RN100213107						
Media	Air					Percent Interest	Years of
Violation No.	1					reitent interest	Depreciation
						5.0	15
	Item Cost	<b>Date Required</b>	Final Date	Yrs	<b>Interest Saved</b>	Costs Saved	EB Amount
Item Description							
Delayed Costs				_			
Equipment				0.00	\$0	\$0	\$0
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/Construction				0.00	\$0	\$0	\$0 \$0
Land Record Keeping System				0.00	\$0 \$0	n/a n/a	\$0
Training/Sampling				0.00	\$0	n/a	\$0
Remediation/Disposal				0.00	\$0	n/a	\$0
Permit Costs				0.00	\$0	n/a	\$0
Other (as needed)	\$10,000	5-Feb-2022	24-Mar-2025	3.13	\$1,566	n/a	\$1,566
Notes for DELAYED costs	Estimated cost to install pipe covers (socks) on the outlet pipes of all the safety relief valves ("SRV") in the system, reduce the system pressure being maintained by the regulators that control the supply of ammonia from the storage tanks to the distribution header, and create an alarm to alert the operator if the ammonia supply valve to a unit goes closed during operation in order to prevent the recurrence of emissions events due to the same or similar causes as Incident No. 373967. The Date Required is the date the emissions event began and the Final Date is the date of compliance.						
Avoided Costs	ANNU	ALIZE avoided c	osts before en	tering	item (except for	one-time avoided	l costs)
Disposal				0.00	\$0	\$0	\$0
Personnel				0.00	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.00	\$0	\$0	\$0
Supplies/Equipment				0.00	\$0	\$0	\$0
Financial Assurance				0.00	\$0	\$0	\$0
ONE-TIME avoided costs				0.00	\$0	\$0	\$0
Other (as needed)  Notes for AVOIDED costs				0.00	\$0	\$0	\$0
Approx. Cost of Compliance		\$10,000			TOTAL		\$1,566

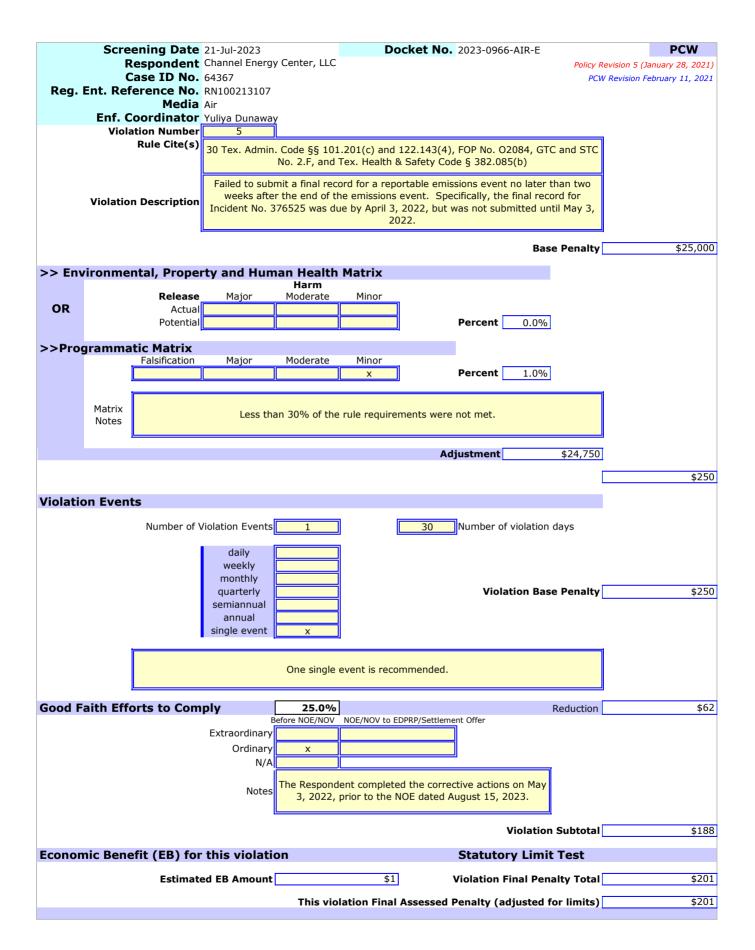


	E	conomic	<b>Benefit</b>	Woi	rksheet		
Respondent	Channel Energ	y Center, LLC					
Case ID No.	64367						
Reg. Ent. Reference No.	RN100213107						
Media Violation No.						Percent Interest	Years of Depreciation
Violation No.	_					5.0	15
	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Costs Saved	EB Amount
Item Description							
Delayed Costs				_			
Equipment				0.00	\$0	\$0	\$0
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/Construction				0.00	\$0 \$0	\$0	\$0 \$0
Land Record Keeping System	\$1,500	6-Feb-2022	31-Aug-2023	1.56	\$117	n/a n/a	\$117
Training/Sampling	\$1,500	0-1 ED-2022	31-Aug-2023	0.00	\$0	n/a	\$0
Remediation/Disposal				0.00	\$0	n/a	\$0
Permit Costs				0.00	\$0	n/a	\$0
Other (as needed)	\$200	6-Feb-2022	7-Feb-2022	0.00	\$0	n/a	\$0
Notes for DELAYED costs	Estimated costs to submit the initial notification for Incident No. 373967 (\$250) and to re-train all affected personnel on the event reporting and documentation requirements, update the spill/event reporting matrix to include air emissions event reporting requirements for recordable and reportable events, and post a copy of the reporting matrix in the control room to facilitate a quick reference as to the requirements to report releases in order to ensure that the initial notifications for reportable emissions events are submitted in a timely manner (\$1,500). The Dates Required are the date the first initial notification was due and the Final Dates are the date the first initial notification was submitted and the date of compliance.						
Avoided Costs	ANNU	ALIZE avoided c	osts before en	tering	item (except for	one-time avoided	l costs)
Disposal				0.00	\$0	\$0	\$0
Personnel				0.00	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.00	\$0	\$0	\$0
Supplies/Equipment				0.00	\$0	\$0	\$0
Financial Assurance				0.00	\$0	\$0	\$0
ONE-TIME avoided costs Other (as needed)				0.00	\$0 \$0	\$0 \$0	\$0 \$0
Other (as needed)				0.00	<b>3</b> 0	<b>\$</b> U	<b>\$</b> 0
Notes for AVOIDED costs							
Approx. Cost of Compliance		\$1,700			TOTAL		\$117

		ening Date			Docket No.	2023-0966-AIR-E		PCW
	F	Respondent	Channel Energy	Center, LLC			Policy R	evision 5 (January 28, 2021)
		Case ID No.					PCW	/ Revision February 11, 2021
Reg.	Ent. Ref		RN100213107					
		Media						
			Yuliya Dunaway	,				
	Viola	ation Number	3					1
		Rule Cite(s)	30 Tex. Admin	. Code §§ 101	1.20(3), 116.115(c), and	122.143(4), NSR Perm	nit Nos.	
					N021M1, SC No. 33, FOP			
				8, and Tex	x. Health & Safety Code §	§ 382.085(b)		
	Violatio	n Description			rized emissions. Specifica fugitive emissions, during			
	Violatio	ii Description			March 19, 2022 and last			
			110. 07 0020)	ac began en				I
						Race I	Penalty	\$25,000
						Dase i	remaily	\$23,000
>> Env	vironme	ntal, Prope	rty and Hum	an Health	Matrix			
			-	Harm				
		Release		Moderate	Minor			
OR		Actual			X	B		
		Potential				Percent 30.0%		
>> Dro	aramma	tic Matrix				l		
// 10	gramma	Falsification	Major	Moderate	Minor			
						Percent 0.0%		
		Human health	or the environr	nent has heer	n exposed to insignificant	amounts of pollutants	that do	
	Matrix				nan health or environme			
	Notes				violation.			
								i .
					Ad	justment	\$17,500	
					•			
								\$7,500
Violatio	on Even	to						
Violatio	oli Eveli	LS						
		Number of \	Violation Events	1	2	Number of violation da	ıys	
						9	•	
			daily					
			weekly					
			monthly	Х				
			quarterly 			Violation Base I	Penalty	\$7,500
			semiannual					
			annual					
			single event		1			
				One monthly	v event is recommended.			
Good F	aith Eff	orts to Com		10.0% efore NOE/NOV			duction	\$750
		orts to com	_		NOE/NOV to EDPRP/Settleme			
		orts to com	T-	erore wozywov	, , , , , , , , , , , , , , , , , , , ,	nt Offer		
		orts to com	Extraordinary	erore mozymov		ent Offer		
		ores to com	Extraordinary Ordinary	eiore Nozymov	x	nt Offer		
			Extraordinary		X			
			Extraordinary Ordinary N/A	The Respo	x ndent completed the con	rective actions on		
			Extraordinary Ordinary	The Respo	X	rective actions on		
			Extraordinary Ordinary N/A	The Respo	x ndent completed the con	rective actions on		
			Extraordinary Ordinary N/A	The Respo	x ndent completed the con	rective actions on	ubtotal	\$6,750
			Extraordinary Ordinary N/A Notes	The Respo August 22, 2	x ndent completed the con	rective actions on d August 15, 2023. Violation S		\$6,750
Econor	mic Bene		Extraordinary Ordinary N/A	The Respo August 22, 2	x ndent completed the con	rective actions on d August 15, 2023.		\$6,750
Econor	nic Bene	efit (EB) for	Extraordinary Ordinary N/A Notes	The Respo August 22, 2	x ndent completed the core 2023, after the NOE date	rective actions on d August 15, 2023. Violation S	est	\$6,750 \$7,125
Econor	nic Bene	efit (EB) for	Extraordinary Ordinary N/A Notes	The Respo August 22, 2	x  Indent completed the core 2023, after the NOE date  \$714	rective actions on d August 15, 2023. Violation S Statutory Limit T Violation Final Penalt	est Total	\$7,125
Econor	nic Bene	efit (EB) for	Extraordinary Ordinary N/A Notes	The Respo August 22, 2	x ndent completed the core 2023, after the NOE date	rective actions on d August 15, 2023. Violation S Statutory Limit T Violation Final Penalt	est Total	

	E	conomic	Benefit	Wo	rksheet		
Respondent	Channel Energ	y Center, LLC					
Case ID No.	64367						
Reg. Ent. Reference No.	RN100213107						
Media							Years of
Violation No.						Percent Interest	Depreciation
						5.0	15
	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Costs Saved	EB Amount
Thoma Documention	Item Cost	Date Required	i iliai Date	113	Interest Saveu	Costs Saveu	LD Alliount
Item Description							
Deleved Coate							
Delayed Costs		7		0.00	40	40	φO
Equipment Buildings				0.00	\$0 \$0	\$0 \$0	\$0 \$0
Other (as needed)				0.00	\$0 \$0	\$0 \$0	\$0
Engineering/Construction				0.00	\$0	\$0 \$0	\$0
Land				0.00	\$0	n/a	\$0
Record Keeping System				0.00	\$0	n/a	\$0
Training/Sampling				0.00	\$0	n/a	\$0
Remediation/Disposal				0.00	\$0	n/a	\$0
Permit Costs				0.00	\$0	n/a	\$0
Other (as needed)	\$10,000	19-Mar-2022	22-Aug-2023	1.43	\$714	n/a	\$714
Notes for DELAYED costs	leaking SR\	Estimated cost to remove the South Ammonia Tank from service, perform test on all SRV, and replace leaking SRV RV-71A in order to prevent the recurrence of emissions events due to the same or similar causes as Incident No. 376525. The Date Required is the date the emissions event began and the Final Date is the date of compliance.					
Avoided Costs	ANNU	ALIZE avoided o	osts before er	ntering	item (except for	one-time avoided	l costs)
Disposal				0.00	\$0	\$0	\$0
Personnel				0.00	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.00	\$0	\$0	\$0
Supplies/Equipment				0.00	\$0	\$0	\$0
Financial Assurance				0.00	\$0	\$0	\$0
ONE-TIME avoided costs				0.00	\$0	\$0	\$0
Other (as needed)  Notes for AVOIDED costs		<u>                                     </u>		0.00	\$0	\$0	\$0
Approx. Cost of Compliance		\$10,000			TOTAL		\$714

	E	conomic	Benefit	Woı	rksheet		
Respondent	Channel Energ	y Center, LLC					
Case ID No.							
Reg. Ent. Reference No.							
Media							Years of
Violation No.						<b>Percent Interest</b>	Depreciation
Violation No.	7					F 0	
						5.0	15
	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Costs Saved	EB Amount
Item Description							
Delayed Costs				_			
Equipment				0.00	\$0	\$0	\$0
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/Construction				0.00	\$0	\$0	\$0
Land				0.00	\$0	n/a	\$0
Record Keeping System				0.00	\$0	n/a	\$0
Training/Sampling Remediation/Disposal				0.00	\$0 \$0	n/a n/a	\$0 \$0
Permit Costs				0.00	\$0	n/a	\$0
Other (as needed)	\$250	20-Mar-2022	21-Mar-2022	0.00	\$0	n/a	\$0
other (as necaca)	<u> </u>	20 1101 2022	ZI Mul ZOZZ	0.00	1 40	i ii/ u	30
Notes for DELAYED costs		ication was due ar	nd the Final Date	e is the		The Date Required ification was submition No. 2.	
Avoided Costs	ANNU	ALIZE avoided c	osts before en	tering	item (except for	one-time avoide	d costs)
Disposal				0.00	\$0	\$0	\$0
Personnel				0.00	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.00	\$0	\$0	\$0
Supplies/Equipment				0.00	\$0	\$0	\$0
Financial Assurance				0.00	\$0	\$0	\$0
ONE-TIME avoided costs				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Notes for AVOIDED costs							
Approx. Cost of Compliance		\$250			TOTAL		\$0



	E	conomic	Benefit	Woı	rksheet			
Respondent	Channel Energ	y Center, LLC						
Case ID No.	64367							
Reg. Ent. Reference No.	RN100213107							
Media							Years of	
Violation No.						Percent Interest	Depreciation	
Violation ito:	3					ا م		
						5.0	15	
	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Costs Saved	EB Amount	
Item Description								
Delayed Costs								
Equipment				0.00	\$0	\$0	\$0	
Buildings				0.00	\$0	\$0	\$0	
Other (as needed)				0.00	\$0	\$0	\$0	
Engineering/Construction				0.00	\$0	\$0	\$0	
Land				0.00	\$0	n/a	\$0	
Record Keeping System				0.00	\$0	n/a	\$0	
Training/Sampling				0.00	\$0	n/a	\$0	
Remediation/Disposal				0.00	\$0	n/a	\$0	
Permit Costs	1050			0.00	\$0	n/a	\$0	
Other (as needed)	\$250	3-Apr-2022	3-May-2022	0.08	\$1	n/a	\$1	
Notes for DELAYED costs	Notes for DELAYED costs  Estimated cost to submit the final record for Incident No. 376525 (\$250). The Date Required is the date the final record was due and the Final Date is the date of compliance.							
Avoided Costs	ANNU	ALIZE avoided c	osts before ei			one-time avoided		
Disposal				0.00	\$0	\$0	\$0	
Personnel				0.00	\$0	\$0	\$0	
Inspection/Reporting/Sampling				0.00	\$0	\$0	\$0	
Supplies/Equipment				0.00	\$0	\$0	\$0	
Financial Assurance				0.00	\$0	\$0	\$0	
ONE-TIME avoided costs				0.00	\$0 \$0	\$0 \$0	\$0 #0	
Other (as needed)				0.00	\$0	\$0	\$0	
Notes for AVOIDED costs								

To request a more accessible version of this report, please contact the TCEQ Help Desk at (512) 239-4357.



# Compliance History Report

Compliance History Report for CN601549132, RN100213107, Rating Year 2024 which includes Compliance History (CH) components from September 1, 2019, through August 31, 2024.

Customer, Respondent, CN601549132, Channel Energy Center,

**Classification:** SATISFACTORY

Rating: 0.17

or Owner/Operator:

RN100213107, CHANNEL ENERGY

**Classification: SATISFACTORY** 

Rating: 0.17

Rating Date: 09/01/2024

Regulated Entity: **Complexity Points:** 

**CENTER** 

Repeat Violator: NO

CH Group:

06 - Electric Power Generation

Location:

451 Light Company Road in Pasadena, Harris County, Texas

TCEQ Region:

**REGION 12 - HOUSTON** 

ID Number(s):

**AIR OPERATING PERMITS ACCOUNT NUMBER HX2690V** 

**AIR NEW SOURCE PERMITS PERMIT 42179** 

**AIR OPERATING PERMITS PERMIT 2084** 

**AIR NEW SOURCE PERMITS ACCOUNT NUMBER** 

HX2690V

TXR000042192

AIR NEW SOURCE PERMITS AFS NUM 4820101537 **AIR NEW SOURCE PERMITS EPA PERMIT N021 AIR NEW SOURCE PERMITS** EPA PERMIT N021M1 **AIR NEW SOURCE PERMITS REGISTRATION 163539 AIR NEW SOURCE PERMITS REGISTRATION 156050** 

AIR NEW SOURCE PERMITS EPA PERMIT PSDTX955M1 AIR NEW SOURCE PERMITS EPA PERMIT GHGPSDTX8 **AIR NEW SOURCE PERMITS REGISTRATION 164774 AIR NEW SOURCE PERMITS REGISTRATION 159449** 

**AIR NEW SOURCE PERMITS** EPA PERMIT PSDTX955

INDUSTRIAL AND HAZARDOUS WASTE EPA ID

Rating Year: 2024

AIR EMISSIONS INVENTORY ACCOUNT NUMBER HX2690V

INDUSTRIAL AND HAZARDOUS WASTE SOLID WASTE REGISTRATION # (SWR) 86715

TAX RELIEF ID NUMBER 18716

**TAX RELIEF** ID NUMBER 18720 **TAX RELIEF** ID NUMBER 18708

TAX RELIEF ID NUMBER 18724 TAX RELIEF ID NUMBER 18722

**TAX RELIEF ID NUMBER 18705** 

Compliance History Period: September 01, 2019 to August 31, 2024 Date Compliance History Report Prepared: March 21, 2025

Agency Decision Requiring Compliance History: Enforcement

Component Period Selected: March 21, 2020 to March 21, 2025

TCEQ Staff Member to Contact for Additional Information Regarding This Compliance History.

Name: Yuliya Dunaway Phone: (210) 403-4077

#### Site and Owner/Operator History:

1) Has the site been in existence and/or operation for the full five year compliance period?

YES

2) Has there been a (known) change in ownership/operator of the site during the compliance period?

NO

#### Components (Multimedia) for the Site Are Listed in Sections A - J

A. Final Orders, court judgments, and consent decrees:

N/A

**B.** Criminal convictions:

C. Chronic excessive emissions events:

N/A

D. The approval dates of investigations (CCEDS Inv. Track. No.):

Item 1 June 11, 2020 (1632607) Item 2 May 23, 2022 (1796573)

#### E. Written notices of violations (NOV) (CCEDS Inv. Track. No.):

A notice of violation represents a written allegation of a violation of a specific regulatory requirement from the commission to a regulated entity. A notice of violation is not a final enforcement action, nor proof that a violation has actually occurred.

Date: 05/23/2024 (1967080)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 2A PERMIT Special Term and Condition 8 OP

Description: Failure to comply with auxiliary boiler (EPN: AUXBOIL2) 0.015 pound per

million British thermal units (lb/MMBtu) emission limit for NOx (Category B12)

#### F. Environmental audits:

N/A

#### G. Type of environmental management systems (EMSs):

N/A

#### H. Voluntary on-site compliance assessment dates:

N/A

#### I. Participation in a voluntary pollution reduction program:

N/A

#### J. Early compliance:

N/A

#### Sites Outside of Texas:

N/A

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



IN THE MATTER OF AN	§	BEFORE THE
ENFORCEMENT ACTION	§	
CONCERNING	§	TEXAS COMMISSION ON
CHANNEL ENERGY CENTER, LLC	§	
RN100213107	§	ENVIRONMENTAL QUALITY

#### AGREED ORDER DOCKET NO. 2023-0966-AIR-E

#### I. JURISDICTION AND STIPULATIONS

On	, the Texas Commission on Environmental Quality ("the
Commission" or "TCEQ	") considered this agreement of the parties, resolving an enforcement
action regarding Chanr	nel Energy Center, LLC (the "Respondent") under the authority of Tex.
HEALTH & SAFETY CODE C	h. 382 and Tex. Water Code ch. 7. The Executive Director of the TCEQ,
through the Enforceme	nt Division, and the Respondent together stipulate that:

- 1. The Respondent owns and operates a power generation facility located at 451 Light Company Road in Pasadena, Harris County, Texas (the "Plant"). The Plant consists or consisted of one or more sources as defined in Tex. Health & Safety Code § 382.003(12).
- 2. The Executive Director and the Respondent agree that the TCEQ has jurisdiction to enter this Order pursuant to Tex. Water Code §§ 7.002, 7.051, and 7.073, and that the Respondent is subject to TCEQ's jurisdiction. The TCEQ has jurisdiction in this matter pursuant to Tex. Water Code § 5.013 because it alleges violations of Tex. Health & Safety Code ch. 382 and the rules of the TCEQ.
- 3. The occurrence of any violation is in dispute and the entry of this Order shall not constitute an admission by the Respondent of any violation alleged in Section II ("Allegations"), nor of any statute or rule.
- 4. An administrative penalty in the amount of \$14,925 is assessed by the Commission in settlement of the violations alleged in Section II ("Allegations"). The Respondent paid \$11,940 of the penalty and \$2,985 is deferred contingent upon the Respondent's timely and satisfactory compliance with all the terms of this Order. The deferred amount shall be waived only upon full compliance with all the terms and conditions contained in this Order. If the Respondent fails to timely and satisfactorily comply with any of the terms or requirements contained in this Order, the Executive Director may demand payment of all or part of the deferred penalty amount.
- 5. The Executive Director and the Respondent agree on a settlement of the matters alleged in this enforcement action, subject to final approval in accordance with 30 Tex. ADMIN. CODE § 70.10(a). Any notice and procedures, which might otherwise be authorized or required in this action, are waived in the interest of a more timely resolution of the matter.

- 6. The Executive Director may, without further notice or hearing, refer this matter to the Office of the Attorney General of the State of Texas ("OAG") for further enforcement proceedings if the Executive Director determines that the Respondent has not complied with one or more of the terms or conditions in this Order.
- 7. This Order represents the complete and fully integrated agreement of the parties. The provisions of this Order are deemed severable and, if a court of competent jurisdiction or other appropriate authority deems any provision of this Order unenforceable, the remaining provisions shall be valid and enforceable.
- 8. This Order shall terminate five years from its effective date or upon compliance with all the terms and conditions set forth in this Order, whichever is later.
- 9. The Executive Director recognizes that the Respondent implemented the following corrective measures at the Plant:
  - a. On February 7, 2022, submitted the initial notification for Incident No. 373967.
  - b. On March 24, 2025, installed pipe covers (socks) on the outlet pipes of all the safety relief valves ("SRV") in the system, reduced the system pressure being maintained by the regulators that control the supply of ammonia from the storage tanks to the distribution header, and created an alarm to alert the operator if the ammonia supply valve to a unit goes closed during operation in order to prevent the recurrence of emissions events due to the same or similar causes as Incident No. 373967.
  - c. On March 21, 2022, submitted the initial notification for Incident No. 376525.
  - d. On May 3, 2022, submitted the final record for Incident No. 376525.
  - e. On August 22, 2023, removed the South Ammonia Tank from service, performed test on all SRV, and replaced leaking SRV RV-71A in order to prevent the recurrence of emissions events due to the same or similar causes as Incident No. 376525.
  - f. On August 31, 2023, re-trained all affected personnel on the event reporting and documentation requirements, updated the spill/event reporting matrix to include air emissions event reporting requirements for recordable and reportable events, and posted a copy of the reporting matrix in the control room to facilitate a quick reference as to the requirements to report releases in order to ensure that the initial notifications for reportable emissions events are submitted in a timely manner.

#### II. ALLEGATIONS

- 1. During a record review for the Plant conducted from February 7, 2022 through June 26, 2023, an investigator documented that the Respondent:
  - a. Failed to prevent unauthorized emissions, in violation of 30 Tex. Admin. Code §§ 101.20(3), 116.115(c), and 122.143(4), New Source Review Permit ("NSR") Nos. 42179, PSDTX955M1, and N021M1, Special Conditions ("SC") No. 33, Federal Operating Permit ("FOP") No. 02084, General Terms and Conditions ("GTC") and

- Special Terms and Conditions ("STC") No. 8, and Tex. Health & Safety Code § 382.085(b). Specifically, the Respondent released 135.00 pounds ("lbs") of ammonia as fugitive emissions, during an emissions event (Incident No. 373967) that began on February 5, 2022 and lasted 21 hours and six minutes.
- b. Failed to submit an initial notification for a reportable emissions event no later than 24 hours after the discovery of an emissions event, in violation of 30 Tex. ADMIN. CODE §§ 101.201(a)(1)(B) and 122.143(4), FOP No. O2084, GTC and STC No. 2.F, and Tex. Health & Safety Code § 382.085(b). Specifically, the initial notification for Incident No. 373967 was due by February 6, 2022 at 12:33 p.m., but was not submitted until February 7, 2022 at 9:11 a.m.
- 2. During a record review for the Plant conducted from November 9, 2022 through December 8, 2022, an investigator documented that the Respondent:
  - a. Failed to prevent unauthorized emissions, in violation of 30 Tex. Admin. Code §§ 101.20(3), 116.115(c), and 122.143(4), NSR Permit Nos. 42179, PSDTX955M1, and N021M1, SC No. 33, FOP No. O2084, GTC and STC No. 8, and Tex. Health & Safety Code § 382.085(b). Specifically, the Respondent released 588.00 lbs of ammonia as fugitive emissions, during an emissions event (Incident No. 376525) that began on March 19, 2022 and lasted 24 hours and 49 minutes.
  - b. Failed to submit an initial notification for a reportable emissions event no later than 24 hours after the discovery of an emissions event, in violation of 30 Tex. Admin. Code §§ 101.201(a)(1)(B) and 122.143(4), FOP No. O2084, GTC and STC No. 2.F, and Tex. Health & Safety Code § 382.085(b). Specifically, the initial notification for Incident No. 376525 was due by March 20, 2022 at 7:12 a.m., but was not submitted until March 21, 2022 at 3:30 p.m.
  - c. Failed to submit a final record for a reportable emissions event no later than two weeks after the end of the emissions event, in violation of 30 Tex. Admin. Code §§ 101.201(c) and 122.143(4), FOP No. O2084, GTC and STC No. 2.F, and Tex. Health & Safety Code § 382.085(b). Specifically, the final record for Incident No. 376525 was due by April 3, 2022, but was not submitted until May 3, 2022.

#### III. DENIALS

The Respondent generally denies each allegation in Section II ("Allegations").

#### IV. ORDERING PROVISIONS

NOW, THEREFORE, THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY ORDERS that:

1. The Respondent is assessed a penalty as set forth in Section I, Paragraph No. 4. The payment of this penalty and the Respondent's compliance with all of the requirements set forth in this Order resolve only the allegations in Section II. The Commission shall not be constrained in any manner from requiring corrective action or penalties for violations which are not raised here. Penalty payments shall be made payable to "TCEQ" and shall be sent with the notation "Re: Channel Energy Center, LLC, Docket No. 2023-0966-AIR-E" to:

Channel Energy Center, LLC DOCKET NO. 2023-0966-AIR-E Page 4

> Financial Administration Division, Revenue Operations Section Attention: Cashier's Office, MC 214 Texas Commission on Environmental Quality P.O. Box 13088 Austin, Texas 78711-3088

- 2. All relief not expressly granted in this Order is denied.
- 3. The duties and provisions imposed by this Order shall apply to and be binding upon the Respondent. The Respondent is ordered to give notice of this Order to personnel who maintain day-to-day control over the Plant operations referenced in this Order.
- 4. The Executive Director may grant an extension of any deadline in this Order or in any plan, report, or other document submitted pursuant to this Order, upon a written and substantiated showing of good cause. All requests for extensions by the Respondent shall be made in writing to the Executive Director. Extensions are not effective until the Respondent receives written approval from the Executive Director. The determination of what constitutes good cause rests solely with the Executive Director.
- 5. This Order, issued by the Commission, shall not be admissible against the Respondent in a civil proceeding, unless the proceeding is brought by the OAG to: (1) enforce the terms of this Order; or (2) pursue violations of a statute within the Commission's jurisdiction, or of a rule adopted or an order or permit issued by the Commission under such a statute.
- 6. This Order may be executed in separate and multiple counterparts, which together shall constitute a single instrument. Any page of this Order may be copied, scanned, digitized, converted to electronic portable document format ("pdf"), or otherwise reproduced and may be transmitted by digital or electronic transmission, including but not limited to facsimile transmission and electronic mail. Any signature affixed to this Order shall constitute an original signature for all purposes and may be used, filed, substituted, or issued for any purpose for which an original signature could be used. The term "signature" shall include manual signatures and true and accurate reproductions of manual signatures created, executed, endorsed, adopted, or authorized by the person or persons to whom the signatures are attributable. Signatures may be copied or reproduced digitally, electronically, by photocopying, engraving, imprinting, lithographing, electronic mail, facsimile transmission, stamping, or any other means or process which the Executive Director deems acceptable. In this paragraph exclusively, the terms: electronic transmission, owner, person, writing, and written, shall have the meanings assigned to them under Tex. Bus. Org. Code § 1.002.
- 7. The effective date of this Order is the date it is signed by the Commission. A copy of this fully executed Order shall be provided to each of the parties.

Channel Energy Center, LLC DOCKET NO. 2023-0966-AIR-E Page 5

For the Commission

#### SIGNATURE PAGE

#### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Kriote Melo-Jurack For the Executive Director	07/21/2025
For the Executive Director	Date
the attached Order, and I do agree to the terr	d the attached Order. I am authorized to agree to ms and conditions specified therein. I further ment for the penalty amount, is materially relying
I also understand that failure to comply with and/or failure to timely pay the penalty amou	the Ordering Provisions, if any, in this Order unt, may result in:
<ul> <li>A negative impact on compliance histor</li> <li>Greater scrutiny of any permit applicati</li> <li>Referral of this case to the OAG for con and/or attorney fees, or to a collection of the line in the li</li></ul>	ions submitted; itempt, injunctive relief, additional penalties, agency; cement actions; iture enforcement actions; and
XIP;	April 22,2025 Date
Signáture	
Name (Printed or typed) Authorized Representative of Channel Energy Center, LLC	Senior Vice President, General Counsel & Corporate Formets Title
CHAIRIEI LIICI BY CEITICI, LLC	

Date

☐ If mailing address has changed, please check this box and provide the new address below:

