

DOCKETED

Docket Number:	03-AFC-01C
Project Title:	Roseville Energy Park Compliance
TN #:	259821-5
Document Title:	Roseville Energy Park Quarterly Air Quality Report - Q3 2024 - Part 7 - searchable
Description:	N/A
Filer:	Roseville Electric Compliance
Organization:	Roseville Electric
Submitter Role:	Public Agency
Submission Date:	10/30/2024 4:56:32 PM
Docketed Date:	10/30/2024

AQ-36 thru AQ-38, AQ-41, & AQ-117

AQ-36 thru AQ-38, AQ-41, & AQ-117: PCAPCD notifications/
corrective action: breakdowns, excess emissions, CEMS inoperable, or a
negative declaration when no excess emissions occurred.

Verification: The Project owner shall include the identification of all
breakdowns, PCAPCD notification, resulting excess emission (if any) and
corrective actions taken (if any) as part of the Quarterly Air Quality
Report required in Condition of Certification AQ-SC6



| | | | - | | 2 0 2 4 0 1 5

Year

Non-Compliance
Event Number

110 Maple Street, Auburn, CA 95603 • (530) 745-2330 • Fax (530) 745-2373 • www.placer.ca.gov/apcd

Erik C. White, Air Pollution Control Officer

NON-COMPLIANCE EVENT NOTIFICATION FORM – PART I

submit within 2 business hours after detection of the Non-Compliance Event

1. Company Name	ROSEVILLE ENERGY PARK	Address	5120 PHILLIP RD. ROSEVILLE, CA.						
2. Title V Source Status	Major Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Synthetic Minor	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>						
3. For Title V Sources, is the Non-Compliance Event the Result of an Emergency under District Rule 507, Section 402.2(l)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								
4. Emission Exceedances	NOx <input checked="" type="checkbox"/>	SOx <input type="checkbox"/>	PM <input type="checkbox"/>	VOC <input type="checkbox"/>	CO <input type="checkbox"/>	Opacity <input type="checkbox"/>	None <input type="checkbox"/>	check all that apply	
5. CEMS / COMS / CMS Breakdown	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>								
6. Detection of Non-Compliance Event	Date	7/10/24	Time	13:00	<input type="checkbox"/> AM <input checked="" type="checkbox"/> PM				
7. Start of Non-Compliance Event	Date	7.22.24	Time	17:00	<input type="checkbox"/> AM <input checked="" type="checkbox"/> PM <input type="checkbox"/> Not known				
8. Violation	Permit No. REPR-20-02	Condition No. 27	Rule	Section					
9. Unit / Equipment Involved	CT2 NOx Analyzer								
10. Description / Cause of Non-Compliance Event	DID NOT PASS RATA							<input type="checkbox"/> additional information attached	
11. Immediate Corrective Actions	SCHEDULED A RETEST							<input type="checkbox"/> additional information attached	
12. Was the Non-Compliance Event an Emission Violation or Monitoring Equipment Failure or Malfunction	Yes <input type="checkbox"/> No <input type="checkbox"/>								
If yes, do you Request that the Violation, Failure or Malfunction be Shielded from Enforcement Action as an Upset / Breakdown Pursuant to District Rule 404									
Yes <input type="checkbox"/>		No <input type="checkbox"/>		Not Able to Determine at this Time <input checked="" type="checkbox"/>		If "Yes", complete and submit the Upset / Breakdown Checklist Form with Part I			
13. Submitted By	TONY JOHNSON			Telephone	(916) 295 - 9804				
Signature				Date	7/10/24	Time	15:00	<input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	

NON-COMPLIANCE EVENT NOTIFICATION FORM – PART II

submit within 7 calendar days after end of the Non-Compliance Event

14. End of Non-Compliance Event	Date	7.23.24	Time	5:00	<input type="checkbox"/> AM <input checked="" type="checkbox"/> PM			
15. Duration of Non-Compliance Event	Hours	Minutes						
16. Excess Emissions Estimates	NOx	SOx	PM					
	VOC	CO	Opacity	%, for	minutes	Other		
17. Variance in Effect	Yes <input checked="" type="checkbox"/>	Variance #	24.03	No <input type="checkbox"/>				
18. Corrective and Preventative Actions Taken	(a) Minimize Emissions		(b) Correct Event		(c) Prevent			
Future Events	<input checked="" type="checkbox"/> additional information attached							
19. If Not Able to Determine in Item 12 of Part I, Was the Non-Compliance Event an Emission Violation or Monitoring Equipment Failure or Malfunction	If yes, do you Request that the Violation, Failure or Malfunction be Shielded from Enforcement Action as an Upset / Breakdown Under District Rule 404							
Yes <input type="checkbox"/>		No <input checked="" type="checkbox"/>		If "Yes", complete and submit the Upset / Breakdown Checklist Form if not previously submitted with Part I				
20. Submitted By	TONY JOHNSON			Telephone	(916) 295 - 9804			
I certify under penalty of law that I am the responsible official for this facility, or his/her duly designated representative, and based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.								
Signature				Date	9.5.24	Time	12:00	<input type="checkbox"/> AM <input checked="" type="checkbox"/> PM



Roseville Electric
Roseville Energy Park
5120 Phillip Road
Roseville, California 95747

Nathan Ribordy
Power Generation Superintendent
Roseville Energy Park
5120 Phillip Road
Roseville, California 95747

Subject: Non-Compliance Events 2024-15 and Variance 24-03.

To Whom It May Concern:

This memo is to provide additional information for Non-Compliance Event 2024-15 and Variance 24-03.

Roseville Energy Park's CT2 relative accuracy test audit (RATA) was conducted on May 22, 2024. Preliminary results from the RATA were received on July 10, 2024 indicating the engine failed the RATA. A non-compliance event was filed due to the RATA failure and the subsequent emergency variance was requested and granted on July 12, 2024 expiring no later than August 11, 2024. During the variance automatic calibrations were performed on the CEMS every eight (8) hours and sent to Heather Selvester.

During the variance an internal investigation was conducted to determine the possible root cause of the RATA failure. While there is no conclusive evidence it is theorized the RATA failure is related, at least in part, to the zero and span of the CEMS analyzers. Following CEMS gas bottle replacement there are minor variations in new gas bottle concentrations that will cause analyzer results to drift from expected. This drift can only be corrected by manual calibrations. While the drift is within the allowable analyzer tolerance it adds minor deviation to the results. This deviation coupled with variations in portable lab equipment brought on site by Montrose may have resulted in RATA results outside of allowable tolerances.

This theory is supported by the passing of the subsequent RATA on July 23rd when the analyzers were manually calibrated to their respective bottles, effectively eliminating the drift. As a corrective action manual calibrations will be performed following bottle replacement as standard practice.

A re-test of CT2's RATA was successfully conducted on July 23, 2024.

Let me know if you have any questions.

Respectfully,

A handwritten signature in blue ink, appearing to read "N. Ribordy", written over a light blue horizontal line.

Nathan Ribordy

Linearity Report

07/12/2024

Page 1

ORIS Code: 56298 Facility Name: ROSEVILLE ENERGY
EDR Site ID: CT002 Component ID: A21 ReasonForTest: QA
Component Type: NOXA Grace Period: 0
Instrument Name: CT2_NOXDualRg_P_Instrum Test End Date/Time: 06/12/2024 Scale: High
Performance Spec: 5 % Test No.: 133 Highest Error: 1.9
Status (Pass/Fail): **Passed**

Date	Time	Cal Gas Level	Span Value	Ref Value	Meas Value	Aborted Test Indicator	Ref Value As Pct Span
06/12/2024	1157	L	200.0	51.1	49.9		25.6 %
06/12/2024	1202	M	200.0	111.3	110.2		55.7 %
06/12/2024	1207	H	200.0	181.6	178.4		90.8 %
06/12/2024	1214	L	200.0	51.1	50.2		25.6 %
06/12/2024	1219	M	200.0	111.3	110.4		55.7 %
06/12/2024	1224	H	200.0	181.6	178.4		90.8 %
06/12/2024	1231	L	200.0	51.1	50.3		25.6 %
06/12/2024	1236	M	200.0	111.3	110.4		55.7 %
06/12/2024	1241	H	200.0	181.7	178.4		90.9 %

Summary Statistics:

Cal Gas Level	Reference Mean	CEMS Mean	Alt Perf Spec	Results
L	51.100	50.133	No	1.9
M	111.300	110.333	No	0.9
H	181.633	178.400	No	1.8

Linearity Report

07/12/2024

Page 1

ORIS Code: 56298 Facility Name: ROSEVILLE ENERGY
EDR Site ID: CT002 Component ID: A22 ReasonForTest: QA
Component Type: O2D Grace Period: 0
Instrument Name: CT2_O2D_P_Instrument Test End Date/Time: 06/12/2024 Scale: High
Performance Spec: 5 % Test No.: 134 Highest Error: 0.3
Status (Pass/Fail): **Passed**

Date	Time	Cal Gas Level	Span Value	Ref Value	Meas Value	Aborted Test Indicator	Ref Value As Pct Span
06/12/2024	1312	L	21.0	5.0	5.0		23.8 %
06/12/2024	1317	M	21.0	11.1	11.0		52.9 %
06/12/2024	1322	H	21.0	18.0	18.0		85.7 %
06/12/2024	1329	L	21.0	5.0	5.0		23.8 %
06/12/2024	1334	M	21.0	11.1	11.1		52.9 %
06/12/2024	1339	H	21.0	18.0	18.0		85.7 %
06/12/2024	1346	L	21.0	5.0	5.0		23.8 %
06/12/2024	1351	M	21.0	11.1	11.1		52.9 %
06/12/2024	1356	H	21.0	18.0	18.0		85.7 %

Summary Statistics:

Cal Gas Level	Reference	Mean	CEMS Mean	Alt Perf Spec	Results
L	5.000		5.000	No	0.0
M	11.100		11.067	No	0.3
H	18.000		18.000	No	0.0

CONFIDENTIAL



Table 4-13
VOC Emissions Results -
Turbine Unit 2

Parameter/Units	Run 1	Run 2	Run 3	Average
Date	05/22/24	05/22/24	05/22/24	--
Time	1055-1125	1345-1415	1705-1735	--
Process Data				
power output, MW	77.8	77.8	72.7	76.1
fuel flow rate, scfh	629,390	631,100	615,480	625,323
Sampling & Flue Gas Parameters				
O ₂ , % volume dry	12.3	12.1	13.8	12.7
CO ₂ , % volume dry	5.0	5.0	4.1	4.7
volumetric flow rate, dscfm	219,841	216,175	261,007	232,341
Total Non-Methane/Non-Ethane Hydrocarbons, as Methane (VOC)				
ppmvd	0.5	0.9	6.5	2.6
ppmvd @ 15% O ₂	0.3	0.6	5.4	2.1
lb/hr	0.3	0.5	4.3	1.7
lb/MMBtu	0.0004	0.0008	0.0069	0.0027

Sample Spreadsheet Listing

	CT2_NOx_Ppmvdc_1M			CT2_VOC_LbPerHr_1M		CT2_Load_CT_MWe_1M		CT2_VOC_LbPerHr_1H		CT2_O2Dry_Pct_1M					
Date/Time	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc
05/22/24 16:15	1.29			1.1			41.9			13.6					
05/22/24 16:16	1.23			1.1			42			13.7					
05/22/24 16:17	1.23			1.1			41.8			13.7					
05/22/24 16:18	1.31			1.1			41.8			13.7					
05/22/24 16:19	1.39			1.1			41.9			13.7					
05/22/24 16:20	1.56			1.1			41.9			13.7					
05/22/24 16:21	1.64			1.1			41.9			13.7					
05/22/24 16:22	1.72			1.1			41.8			13.7					
05/22/24 16:23	1.72			1.07			41.8			13.7					
05/22/24 16:24	1.66			1.04			41.8			13.8					
05/22/24 16:25	1.45			1.02			41.8			14					
05/22/24 16:26	1.32			1.01			41.9			14.2					
05/22/24 16:27	1.23			0.96			41.4			14.2					
05/22/24 16:28	1.29			0.91			39.3			14.5					
05/22/24 16:29	1.2			0.86			36.3			14.5					
05/22/24 16:30	1.18			0.82			33.9			14.4					
05/22/24 16:31	1.16			0.81			33			14.3					
05/22/24 16:32	1.25			0.81			32.7			14.3					
05/22/24 16:33	1.25			0.79			31.5			14.3					
05/22/24 16:34	1.25			0.77			30.4			14.3					
05/22/24 16:35	1.23			0.77			30			14.2					
05/22/24 16:36	1.14			0.77			30.1			14.2					
05/22/24 16:37	1.16			0.77			30.1			14.3					
05/22/24 16:38	1.16			0.77			30			14.3					
05/22/24 16:39	1.16			0.77			30			14.3					
05/22/24 16:40	1.25			0.76			30			14.3					
05/22/24 16:41	1.25			0.77			30			14.3					
05/22/24 16:42	1.34			0.77			30			14.3					
05/22/24 16:43	1.34			0.77			30			14.3					
05/22/24 16:44	1.34			0.77			30.1			14.3					
05/22/24 16:45	1.25			0.79			31.7			14.3					
05/22/24 16:46	1.25			0.83			34.1			14.3					

LOAD DROP

	CT2_NOx_Ppmvdc_1M		CT2_VOC_LbPerHr_1M		CT2_Load_CT_MWe_1M		CT2_VOC_LbPerHr_1H		CT2_O2Dry_Pct_1M			
Date/Time	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc
05/22/24 16:47	1.27		0.88		37				14.4			
05/22/24 16:48	1.29		0.94		39.8				14.5			
05/22/24 16:49	1.31		0.97		41.7				14.6			
05/22/24 16:50	1.84		0.97		41.4				14.5			
05/22/24 16:51	1.75		0.97		41.5				14.5			
05/22/24 16:52	1.69		0.97		41.6				14.6			
05/22/24 16:53	1.48		0.98		41.6				14.5			
05/22/24 16:54	1.48		1.01		41.6				14.5			
05/22/24 16:55	1.54		1.06		41.7				14.4			
05/22/24 16:56	1.56		1.1		41.7				14.1			
05/22/24 16:57	2.02		1.13		41.7				13.9			
05/22/24 16:58	2.23		1.16		41.7				13.5			
05/22/24 16:59	2.2		1.21		41.8				13.4			
05/22/24 17:00	1.99		1.22		41.9		1.25		13.2			
05/22/24 17:01	1.42		1.24		41.8				13			
05/22/24 17:02	1.25		1.28		41.7				12.9			
05/22/24 17:03	1.28		1.28		41.8				12.6			
05/22/24 17:04	1.26		1.28		41.7				12.5			
05/22/24 17:05	1.35		1.28		41.8				12.6			
05/22/24 17:06	1.42		1.28		41.9				12.6			
05/22/24 17:07	1.42		1.28		41.9				12.6			
05/22/24 17:08	1.49		1.28		42				12.6			
05/22/24 17:09	1.62		1.28		41.9				12.5			
05/22/24 17:10	1.62		1.29		42				12.5			
05/22/24 17:11	1.71		1.28		41.9				12.6			
05/22/24 17:12	1.69		1.28		41.8				12.5			
05/22/24 17:13	1.62		1.28		41.9				12.5			
05/22/24 17:14	1.56		1.28		42				12.6			
05/22/24 17:15	1.56		1.29		42				12.6			
05/22/24 17:16	1.48		1.29		42				12.5			

NOX RATA CT2



From: 07/23/2024 07:00 **To:** 07/23/2024 11:55 **Facility Name:** ROSEVILLE ENERGY
Generated: 07/23/2024 13:48 **Location:** Roseville, CA

Red = Sample Invalid

	Unit CT2 O2, Dry, Pct	Unit CT2 NOx, Ppm	Unit CT2 NOx, Ppmvdc	Unit CT2 NOx, LbPerMbtu	Unit CT2 NOx, LbPerHr	Unit CT2 GasFlowTotal, 100scfh	Unit CT2 HI, MBtuPerHr	Unit CT2 Load_Total, Mwe
Date/Time	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)
07/23/2024 07:00	12.7	2.1	1.51	0.006	3.47	5,972.9	623.6	75.6
07/23/2024 07:01	12.7	2.1	1.51	0.006	3.47	5,969.2	623.2	75.5
07/23/2024 07:02	12.7	2.1	1.51	0.006	3.46	5,955.2	621.7	75.4
07/23/2024 07:03	12.7	2.1	1.51	0.006	3.48	5,984.4	624.8	75.6
07/23/2024 07:04	12.7	2.1	1.51	0.006	3.48	5,988.1	625.2	75.6
07/23/2024 07:05	12.7	2.1	1.51	0.006	3.47	5,962.7	622.5	75.4
07/23/2024 07:06	12.7	2.1	1.51	0.006	3.46	5,953.8	621.6	75.5
07/23/2024 07:07	12.7	2.1	1.51	0.006	3.46	5,957.1	621.9	75.5
07/23/2024 07:08	12.7	2.1	1.51	0.006	3.47	5,973.5	623.6	75.6
07/23/2024 07:09	12.7	2.1	1.51	0.006	3.47	5,969.8	623.2	75.6
07/23/2024 07:10	12.7	2.1	1.51	0.006	3.47	5,964.3	622.7	75.5
07/23/2024 07:11	12.7	2.1	1.51	0.006	3.47	5,962.2	622.5	75.4
07/23/2024 07:12	12.7	2.1	1.51	0.006	3.46	5,960.3	622.3	75.5
07/23/2024 07:13	12.7	2.1	1.51	0.006	3.47	5,965.9	622.8	75.4
07/23/2024 07:14	12.7	2.1	1.51	0.006	3.47	5,970.7	623.3	75.5
07/23/2024 07:15	12.7	2.2	1.58	0.006	3.64	5,979.1	624.2	75.5
07/23/2024 07:16	12.7	2.2	1.58	0.006	3.63	5,954.7	621.7	75.5
07/23/2024 07:17	12.7	2.1	1.51	0.006	3.46	5,951.7	621.4	75.4
07/23/2024 07:18	12.7	2.1	1.51	0.006	3.46	5,955.4	621.7	75.5
07/23/2024 07:19	12.7	2.0	1.44	0.005	3.30	5,970.0	623.3	75.3
07/23/2024 07:20	12.7	2.0	1.44	0.005	3.30	5,965.8	622.8	75.5
07/23/2024 07:21	12.7	2.0	1.44	0.005	3.31	5,978.0	624.1	75.6
07/23/2024 07:22	12.7	2.1	1.51	0.006	3.47	5,972.1	623.5	75.5
07/23/2024 07:23	12.7	2.1	1.51	0.006	3.47	5,966.4	622.9	75.3
07/23/2024 07:24	12.7	2.1	1.51	0.006	3.48	5,989.7	625.3	75.5
07/23/2024 07:25	12.7	2.1	1.51	0.006	3.48	5,994.4	625.8	75.7
07/23/2024 07:26	12.6	2.1	1.49	0.005	3.43	5,975.9	623.9	75.6
07/23/2024 07:27	12.7	2.1	1.51	0.006	3.47	5,975.3	623.8	75.6
07/23/2024 07:28	12.7	2.1	1.51	0.006	3.47	5,966.4	622.9	75.7

CT2_NOX_RATA

NOX RATA CT2



From: 07/23/2024 07:00 **To:** 07/23/2024 11:55 **Facility Name:** ROSEVILLE ENERGY
Generated: 07/23/2024 13:48 **Location:** Roseville, CA

Red = Sample Invalid

	Unit CT2 O2, Dry, Pct	Unit CT2 NOx, Ppm	Unit CT2 NOx, Ppmvdc	Unit CT2 NOx, LbPerMBtu	Unit CT2 NOx, LbPerHr	Unit CT2 GasFlowTotal, 100scfh	Unit CT2 HI, MBtuPerHr	Unit CT2 Load_Total, Mwe
Date/Time	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)
07/23/2024 07:29	12.7	2.1	1.51	0.006	3.48	5,982.4	624.6	75.6
07/23/2024 07:30	12.7	2.1	1.51	0.006	3.47	5,974.5	623.7	75.7
07/23/2024 07:31	12.7	2.1	1.51	0.006	3.47	5,969.5	623.2	75.6
07/23/2024 07:32	12.7	2.1	1.51	0.006	3.47	5,974.3	623.7	75.6
07/23/2024 07:33	12.7	2.1	1.51	0.006	3.47	5,968.3	623.1	75.5
07/23/2024 07:34	12.7	2.1	1.51	0.006	3.48	5,982.8	624.6	75.7
07/23/2024 07:35	12.7	2.1	1.51	0.006	3.47	5,972.0	623.5	75.6
07/23/2024 07:36	12.7	2.1	1.51	0.006	3.47	5,965.0	622.7	75.6
07/23/2024 07:37	12.7	2.1	1.51	0.006	3.46	5,960.7	622.3	75.6
07/23/2024 07:38	12.7	2.1	1.51	0.006	3.48	5,981.6	624.5	75.5
07/23/2024 07:39	12.7	2.1	1.51	0.006	3.47	5,973.5	623.6	75.6
07/23/2024 07:40	12.7	2.1	1.51	0.006	3.47	5,976.8	624.0	75.4
07/23/2024 07:41	12.7	2.1	1.51	0.006	3.46	5,954.8	621.7	75.4
07/23/2024 07:42	12.7	2.1	1.51	0.006	3.46	5,961.3	622.4	75.4
07/23/2024 07:43	12.7	2.1	1.51	0.006	3.47	5,972.9	623.6	75.4
07/23/2024 07:44	12.7	2.1	1.51	0.006	3.48	5,987.9	625.1	75.8
07/23/2024 07:45	12.6	2.1	1.49	0.005	3.43	5,973.3	623.6	75.3
07/23/2024 07:46	12.6	2.1	1.49	0.005	3.43	5,979.6	624.3	75.3
07/23/2024 07:47	12.6	2.1	1.49	0.005	3.44	5,986.5	625.0	75.4
07/23/2024 07:48	12.6	2.2	1.56	0.006	3.60	5,984.5	624.8	75.6
07/23/2024 07:49	12.6	2.1	1.49	0.005	3.44	5,989.2	623.3	75.5
07/23/2024 07:50	12.7	2.1	1.51	0.006	3.47	5,971.8	623.5	75.5
07/23/2024 07:51	12.7	2.0	1.44	0.005	3.31	5,979.2	624.2	75.6
07/23/2024 07:52	12.6	2.0	1.42	0.005	3.26	5,963.1	622.5	75.2
07/23/2024 07:53	12.7	2.1	1.51	0.006	3.47	5,962.9	622.5	75.3
07/23/2024 07:54	12.7	2.1	1.51	0.006	3.47	5,972.3	623.5	75.5
07/23/2024 07:55	12.7	2.2	1.58	0.006	3.64	5,973.5	623.6	75.5
07/23/2024 07:56	12.6	2.2	1.56	0.006	3.61	5,995.3	625.9	75.2
07/23/2024 07:57	12.6	2.2	1.56	0.006	3.60	5,983.5	624.7	75.5
07/23/2024 07:58	12.6	2.1	1.49	0.005	3.44	5,992.4	625.6	75.7

CT2_NOX_RATA

NOX RATA CT2



From: 07/23/2024 07:00 **To:** 07/23/2024 11:55 **Facility Name:** ROSEVILLE ENERGY
Generated: 07/23/2024 13:48 **Location:** Roseville, CA

Red = Sample Invalid

	Unit CT2 O2, Dry, Pct	Unit CT2 NOx, Ppm	Unit CT2 NOx, Ppmvdc	Unit CT2 NOx, LbPerMBtu	Unit CT2 NOx, LbPerHr	Unit CT2 GasFlowTotal, 100scfh	Unit CT2 HI, MBtuPerHr	Unit CT2 Load_Total, MWe
Date/Time	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)
07/23/2024 07:59	12.6	2.1	1.49	0.005	3.44	5,994.9	625.9	75.5
07/23/2024 08:00	12.6	2.0	1.42	0.005	3.27	5,986.8	625.0	75.4
07/23/2024 08:01	12.6	2.0	1.42	0.005	3.27	5,974.5	623.7	75.3
07/23/2024 08:02	12.6	2.0	1.42	0.005	3.28	5,996.5	626.0	75.5
07/23/2024 08:03	12.6	2.1	1.49	0.005	3.44	5,996.4	626.0	75.6
07/23/2024 08:04	12.6	2.2	1.56	0.006	3.60	5,980.2	624.3	75.3
07/23/2024 08:05	12.6	2.2	1.56	0.006	3.61	6,002.6	626.7	75.6
07/23/2024 08:06	12.6	2.2	1.56	0.006	3.60	5,990.4	625.4	75.5
07/23/2024 08:07	12.6	2.2	1.56	0.006	3.61	5,998.5	626.2	75.7
07/23/2024 08:08	12.6	2.2	1.56	0.006	3.60	5,980.6	624.4	75.4
07/23/2024 08:09	12.6	2.1	1.49	0.005	3.44	5,986.1	624.9	75.5
07/23/2024 08:10	12.6	2.0	1.42	0.005	3.27	5,986.5	625.0	75.6
07/23/2024 08:11	12.6	2.0	1.42	0.005	3.27	5,972.3	623.5	75.5
07/23/2024 08:12	12.6	2.0	1.42	0.005	3.27	5,978.4	624.1	75.5
07/23/2024 08:13	12.6	2.1	1.49	0.005	3.43	5,976.1	623.9	75.4
07/23/2024 08:14	12.6	2.1	1.49	0.005	3.43	5,975.8	623.9	75.2
07/23/2024 08:15	12.6	2.1	1.49	0.005	3.45	6,003.9	626.8	75.4
07/23/2024 08:16	12.6	2.2	1.56	0.006	3.61	6,007.1	627.1	75.6
07/23/2024 08:17	12.6	2.2	1.56	0.006	3.61	6,000.0	626.4	75.6
07/23/2024 08:18	12.6	2.2	1.56	0.006	3.61	6,000.7	626.5	75.6
07/23/2024 08:19	12.6	2.1	1.49	0.005	3.44	5,994.4	625.8	75.5
07/23/2024 08:20	12.6	2.1	1.49	0.005	3.44	5,997.8	626.2	75.5
07/23/2024 08:21	12.6	2.1	1.49	0.005	3.45	6,001.6	626.6	75.6
07/23/2024 08:22	12.6	2.1	1.49	0.005	3.45	6,005.7	627.0	75.6
07/23/2024 08:23	12.5	2.1	1.48	0.005	3.42	6,022.7	628.8	75.6
07/23/2024 08:24	12.6	2.2	1.56	0.006	3.62	6,018.2	628.3	75.8
07/23/2024 08:25	12.5	2.1	1.48	0.005	3.40	5,990.4	625.4	75.8
07/23/2024 08:26	12.6	2.1	1.49	0.005	3.43	5,979.1	624.2	75.7
07/23/2024 08:27	12.6	2.1	1.49	0.005	3.43	5,973.4	623.6	75.5
07/23/2024 08:28	12.6	2.1	1.49	0.005	3.43	5,978.6	624.2	75.4

CT2_NOX_RATA

NOX RATA CT2



From: 07/23/2024 07:00 **To:** 07/23/2024 11:55 **Facility Name:** ROSEVILLE ENERGY
Generated: 07/23/2024 13:48 **Location:** Roseville, CA

Red = Sample Invalid

	Unit CT2 O2, Dry, Pct	Unit CT2 NOx, Ppm	Unit CT2 NOx, Ppmvdc	Unit CT2 NOx, LbPerMBtu	Unit CT2 NOx, LbPerHr	Unit CT2 GasFlowTotal, 100scfh	Unit CT2 HI, MBtuPerHr	Unit CT2 Load_Total, Mwe
Date/Time	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)
07/23/2024 08:29	12.6	2.1	1.49	0.005	3.44	5,996.8	626.1	75.5
07/23/2024 08:30	12.6	2.1	1.49	0.005	3.44	5,995.9	626.0	75.5
07/23/2024 08:31	12.6	2.2	1.56	0.006	3.61	5,995.1	625.9	75.4
07/23/2024 08:32	12.6	2.2	1.56	0.006	3.60	5,991.5	625.5	75.5
07/23/2024 08:33	12.6	2.2	1.56	0.006	3.61	6,001.6	626.6	75.5
07/23/2024 08:34	12.6	2.1	1.49	0.005	3.44	5,988.0	625.1	75.6
07/23/2024 08:35	12.6	2.1	1.49	0.005	3.43	5,969.3	623.2	75.4
07/23/2024 08:36	12.6	2.1	1.49	0.005	3.44	5,990.9	625.4	75.5
07/23/2024 08:37	12.6	2.1	1.49	0.005	3.45	6,003.3	626.7	75.3
07/23/2024 08:38	12.6	2.1	1.49	0.005	3.45	6,007.9	627.2	75.4
07/23/2024 08:39	12.5	2.1	1.48	0.005	3.41	6,018.7	628.4	75.6
07/23/2024 08:40	12.5	2.2	1.55	0.006	3.56	5,996.4	626.0	75.6
07/23/2024 08:41	12.6	2.2	1.56	0.006	3.60	5,989.7	625.3	75.8
07/23/2024 08:42	12.6	2.2	1.56	0.006	3.60	5,983.7	624.7	75.5
07/23/2024 08:43	12.6	2.2	1.56	0.006	3.60	5,982.4	624.6	75.5
07/23/2024 08:44	12.6	2.1	1.49	0.005	3.45	6,009.8	627.4	75.5
07/23/2024 08:45	12.6	2.0	1.42	0.005	3.29	6,016.6	628.1	75.6
07/23/2024 08:46	12.6	2.1	1.49	0.005	3.45	6,016.0	628.1	75.8
07/23/2024 08:47	12.6	2.1	1.49	0.005	3.44	5,998.9	626.3	75.7
07/23/2024 08:48	12.6	2.1	1.49	0.005	3.45	6,001.1	626.5	75.8
07/23/2024 08:49	12.6	2.1	1.49	0.005	3.45	6,001.4	626.5	75.7
07/23/2024 08:50	12.6	2.1	1.49	0.005	3.45	6,011.2	627.6	75.7
07/23/2024 08:51	12.6	2.1	1.49	0.005	3.44	5,995.2	625.9	75.6
07/23/2024 08:52	12.6	2.1	1.49	0.005	3.45	6,006.4	627.1	75.6
07/23/2024 08:53	12.6	2.1	1.49	0.005	3.44	5,988.5	625.2	75.5
07/23/2024 08:54	12.6	2.1	1.49	0.005	3.45	6,005.3	627.0	75.6
07/23/2024 08:55	12.6	2.1	1.49	0.005	3.44	5,989.2	625.3	75.6
07/23/2024 08:56	12.6	2.1	1.49	0.005	3.43	5,979.4	624.2	75.5
07/23/2024 08:57	12.6	2.1	1.49	0.005	3.43	5,974.0	623.7	75.5
07/23/2024 08:58	12.6	2.1	1.49	0.005	3.43	5,967.4	623.0	75.4

CT2_NOX_RATA

NOX RATA CT2



From: 07/23/2024 07:00 **To:** 07/23/2024 11:55 **Facility Name:** ROSEVILLE ENERGY
Generated: 07/23/2024 13:48 **Location:** Roseville, CA

Red = Sample Invalid

	Unit CT2 O2, Dry, Pct	Unit CT2 NOX, Ppm	Unit CT2 NOX, PpmVdc	Unit CT2 NOX, LbPerMBtu	Unit CT2 NOX, LbPerHr	Unit CT2 GasFlowTotal, 100scfh	Unit CT2 HI, MBtuPerHr	Unit CT2 Load_Total, Mwe
Date/Time	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)
07/23/2024 08:59	12.6	2.1	1.49	0.005	3.43	5,974.0	623.7	75.2
07/23/2024 09:00	12.6	2.1	1.49	0.005	3.44	5,997.2	626.1	75.3
07/23/2024 09:01	12.6	2.1	1.49	0.005	3.44	5,999.8	626.4	75.4
07/23/2024 09:02	12.6	2.1	1.49	0.005	3.45	6,007.2	627.2	75.4
07/23/2024 09:03	12.6	2.1	1.49	0.005	3.45	6,010.7	627.5	75.6
07/23/2024 09:04	12.5	2.1	1.48	0.005	3.40	5,996.9	626.1	75.6
07/23/2024 09:05	12.6	2.1	1.49	0.005	3.44	5,991.5	625.5	75.5
07/23/2024 09:06	12.6	2.1	1.49	0.005	3.44	5,992.6	625.6	75.4
07/23/2024 09:07	12.6	2.1	1.49	0.005	3.45	6,012.0	627.7	75.5
07/23/2024 09:08	12.5	2.1	1.48	0.005	3.42	6,019.7	628.5	75.6
07/23/2024 09:09	12.5	2.1	1.48	0.005	3.40	5,996.0	626.0	75.5
07/23/2024 09:10	12.5	2.1	1.48	0.005	3.40	5,997.2	626.1	75.5
07/23/2024 09:11	12.5	2.1	1.48	0.005	3.39	5,983.0	624.6	75.5
07/23/2024 09:12	12.6	2.1	1.49	0.005	3.44	5,995.6	625.9	75.5
07/23/2024 09:13	12.6	2.1	1.49	0.005	3.46	6,018.1	628.3	75.4
07/23/2024 09:14	12.5	2.2	1.55	0.006	3.58	6,016.5	628.1	75.6
07/23/2024 09:15	12.5	2.2	1.55	0.006	3.57	6,013.5	627.8	75.6
07/23/2024 09:16	12.5	2.2	1.55	0.006	3.56	5,993.9	625.8	75.5
07/23/2024 09:17	12.5	2.1	1.48	0.005	3.40	5,996.9	626.1	75.6
07/23/2024 09:18	12.6	2.1	1.49	0.005	3.45	6,009.7	627.4	75.6
07/23/2024 09:19	12.5	2.1	1.48	0.005	3.41	6,006.5	627.1	75.6
07/23/2024 09:20	12.5	2.1	1.48	0.005	3.41	6,008.1	627.2	75.6
07/23/2024 09:21	12.5	2.1	1.48	0.005	3.41	6,011.5	627.6	75.6
07/23/2024 09:22	12.5	2.2	1.55	0.006	3.56	5,990.3	625.4	75.5
07/23/2024 09:23	12.5	2.2	1.55	0.006	3.57	5,999.1	626.3	75.6
07/23/2024 09:24	12.6	2.2	1.56	0.006	3.60	5,988.0	625.1	75.7
07/23/2024 09:25	12.6	2.1	1.49	0.005	3.43	5,977.0	624.0	75.4
07/23/2024 09:26	12.6	2.1	1.49	0.005	3.44	5,987.1	625.1	75.4
07/23/2024 09:27	12.6	2.1	1.49	0.005	3.44	5,986.3	625.0	75.3
07/23/2024 09:28	12.6	2.1	1.49	0.005	3.45	6,002.3	626.6	75.4

CT2_NOX_RATA

NOX RATA CT2



From: 07/23/2024 07:00 To: 07/23/2024 11:55 Facility Name: ROSEVILLE ENERGY
Generated: 07/23/2024 13:48 Location: Roseville, CA

Red = Sample Invalid

	Unit CT2 O2, Dry, Pct	Unit CT2 NOX, Ppm	Unit CT2 NOX, Ppmvdc	Unit CT2 NOX, LbPerMBtu	Unit CT2 NOX, LbPerHr	Unit CT2 GasFlowTotal, 100scfh	Unit CT2 HI, MBtuPerHr	Unit CT2 Load_Total, Mwe
Date/Time	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)
07/23/2024 09:29	12.5	2.1	1.48	0.005	3.42	6,022.0	628.7	75.5
07/23/2024 09:30	12.5	2.2	1.55	0.006	3.57	6,007.5	627.2	75.6
07/23/2024 09:31	12.5	2.2	1.55	0.006	3.57	6,003.0	626.7	75.5
07/23/2024 09:32	12.5	2.1	1.48	0.005	3.41	6,005.9	627.0	75.5
07/23/2024 09:33	12.6	2.1	1.49	0.005	3.44	5,988.3	625.2	75.4
07/23/2024 09:34	12.6	2.1	1.49	0.005	3.44	5,999.6	626.4	75.4
07/23/2024 09:35	12.6	2.1	1.49	0.005	3.44	5,999.6	626.4	75.4
07/23/2024 09:36	12.6	2.1	1.49	0.005	3.44	5,999.2	626.3	75.5
07/23/2024 09:37	12.5	2.1	1.48	0.005	3.41	6,002.8	626.7	75.5
07/23/2024 09:38	12.6	2.2	1.56	0.006	3.61	5,997.6	626.1	75.5
07/23/2024 09:39	12.6	2.2	1.56	0.006	3.60	5,978.0	624.1	75.3
07/23/2024 09:40	12.6	2.2	1.56	0.006	3.60	5,992.0	625.6	75.2
07/23/2024 09:41	12.6	2.2	1.56	0.006	3.63	6,029.4	629.5	75.4
07/23/2024 09:42	12.5	2.2	1.55	0.006	3.58	6,016.4	628.1	75.6
07/23/2024 09:43	12.5	2.2	1.55	0.006	3.57	6,003.9	626.8	75.6
07/23/2024 09:44	12.5	2.1	1.48	0.005	3.40	5,999.7	626.4	75.5
07/23/2024 09:45	12.5	2.1	1.48	0.005	3.41	6,012.2	627.7	75.7
07/23/2024 09:46	12.5	2.0	1.40	0.005	3.24	6,004.6	626.9	75.7
07/23/2024 09:47	12.5	2.1	1.48	0.005	3.41	6,017.8	628.3	75.7
07/23/2024 09:48	12.5	2.1	1.48	0.005	3.41	6,014.4	627.9	75.7
07/23/2024 09:49	12.5	2.1	1.48	0.005	3.40	5,994.1	625.8	75.6
07/23/2024 09:50	12.5	2.2	1.55	0.006	3.56	5,993.0	625.7	75.5
07/23/2024 09:51	12.6	2.2	1.56	0.006	3.60	5,990.6	625.4	75.5
07/23/2024 09:52	12.5	2.2	1.55	0.006	3.57	6,004.8	626.9	75.4
07/23/2024 09:53	12.5	2.2	1.55	0.006	3.58	6,028.5	629.4	75.6
07/23/2024 09:54	12.5	2.1	1.48	0.005	3.43	6,041.9	630.8	75.7
07/23/2024 09:55	12.5	2.1	1.48	0.005	3.42	6,030.9	629.6	75.9
07/23/2024 09:56	12.5	2.1	1.48	0.005	3.42	6,023.7	628.9	75.8
07/23/2024 09:57	12.5	2.1	1.48	0.005	3.40	5,991.8	625.5	75.7
07/23/2024 09:58	12.5	2.1	1.48	0.005	3.40	5,991.1	625.5	75.6

CT2_NOX_RATA

NOX RATA CT2



From: 07/23/2024 07:00 **To:** 07/23/2024 11:55 **Facility Name:** ROSEVILLE ENERGY
Generated: 07/23/2024 13:48 **Location:** Roseville, CA

Red = Sample Invalid

	Unit CT2 O2, Dry, Pct	Unit CT2 NOx, Ppm	Unit CT2 NOx, Ppmvdc	Unit CT2 NOx, LbPerMBtu	Unit CT2 NOx, LbPerHr	Unit CT2 GasFlowTotal, 100scfh	Unit CT2 HI, MBtuPerHr	Unit CT2 Load_Total, Mwe
Date/Time	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)
07/23/2024 09:59	12.6	2.1	1.49	0.005	3.44	5,994.1	625.8	75.6
07/23/2024 10:00	12.6	2.1	1.49	0.005	3.43	5,973.5	623.6	75.4
07/23/2024 10:01	12.6	2.1	1.49	0.005	3.45	6,008.1	627.2	75.4
07/23/2024 10:02	12.5	2.2	1.55	0.006	3.58	6,016.1	628.1	75.6
07/23/2024 10:03	12.5	2.2	1.55	0.006	3.56	5,994.9	625.9	75.6
07/23/2024 10:04	12.5	2.2	1.55	0.006	3.55	5,980.9	624.4	75.6
07/23/2024 10:05	12.6	2.1	1.49	0.005	3.44	5,984.6	624.8	75.5
07/23/2024 10:06	12.6	2.1	1.49	0.005	3.42	5,964.2	622.7	75.3
07/23/2024 10:07	12.6	2.1	1.49	0.005	3.43	5,980.5	624.4	75.2
07/23/2024 10:08	12.5	2.0	1.40	0.005	3.23	5,984.2	624.8	75.0
07/23/2024 10:09	12.5	2.1	1.48	0.005	3.41	6,011.3	627.6	75.4
07/23/2024 10:10	12.5	2.1	1.48	0.005	3.41	6,006.9	627.1	75.5
07/23/2024 10:11	12.5	2.2	1.55	0.006	3.56	5,989.2	625.3	75.6
07/23/2024 10:12	12.5	2.2	1.55	0.006	3.56	5,985.7	624.9	75.4
07/23/2024 10:13	12.5	2.2	1.55	0.006	3.57	6,000.8	626.5	75.4
07/23/2024 10:14	12.6	2.1	1.49	0.005	3.44	6,000.4	626.4	75.5
07/23/2024 10:15	12.6	2.1	1.49	0.005	3.44	5,984.6	624.8	75.4
07/23/2024 10:16	12.6	2.1	1.49	0.005	3.44	5,984.7	624.8	75.4
07/23/2024 10:17	12.6	2.1	1.49	0.005	3.45	6,004.1	626.8	75.2
07/23/2024 10:18	12.6	2.1	1.49	0.005	3.45	6,016.9	628.2	75.6
07/23/2024 10:19	12.5	2.1	1.48	0.005	3.41	6,004.7	626.9	75.5
07/23/2024 10:20	12.5	2.2	1.55	0.006	3.56	5,992.0	625.6	75.5
07/23/2024 10:21	12.5	2.2	1.55	0.006	3.56	5,983.9	624.7	75.4
07/23/2024 10:22	12.6	2.2	1.56	0.006	3.61	5,994.3	625.8	75.3
07/23/2024 10:23	12.5	2.1	1.48	0.005	3.40	5,997.9	626.2	75.3
07/23/2024 10:24	12.5	2.1	1.48	0.005	3.41	6,005.9	627.0	75.4
07/23/2024 10:25	12.5	2.1	1.48	0.005	3.42	6,024.3	628.9	75.5
07/23/2024 10:26	12.5	2.1	1.48	0.005	3.41	6,010.5	627.5	75.6
07/23/2024 10:27	12.5	2.2	1.55	0.006	3.57	6,009.4	627.4	75.5
07/23/2024 10:28	12.5	2.2	1.55	0.006	3.56	5,983.7	624.7	75.4

CT2_NOX_RATA

NOX RATA CT2



From: 07/23/2024 07:00 **To:** 07/23/2024 11:55 **Facility Name:** ROSEVILLE ENERGY
Generated: 07/23/2024 13:48 **Location:** Roseville, CA

Red = Sample Invalid

	Unit CT2 O2, Dry, Pct	Unit CT2 NOx, Ppm	Unit CT2 NOx, Ppmvdc	Unit CT2 NOx, LbPerMBtu	Unit CT2 NOx, LbPerHr	Unit CT2 GasFlowTotal, 100scfh	Unit CT2 HI, MBtuPerHr	Unit CT2 Load_Total, MWe
Date/Time	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)
07/23/2024 10:29	12.5	2.2	1.55	0.006	3.57	6,001.6	626.6	75.4
07/23/2024 10:30	12.5	2.2	1.55	0.006	3.57	6,005.6	627.0	75.4
07/23/2024 10:31	12.5	2.2	1.55	0.006	3.57	6,015.3	628.0	75.6
07/23/2024 10:32	12.5	2.1	1.48	0.005	3.40	5,994.2	625.8	75.5
07/23/2024 10:33	12.6	2.1	1.49	0.005	3.43	5,982.6	624.6	75.4
07/23/2024 10:34	12.6	2.1	1.49	0.005	3.44	5,985.4	624.9	75.3
07/23/2024 10:35	12.6	2.1	1.49	0.005	3.44	5,998.8	626.3	75.3
07/23/2024 10:36	12.5	2.1	1.48	0.005	3.41	6,003.5	626.8	75.3
07/23/2024 10:37	12.5	2.2	1.55	0.006	3.57	6,005.9	627.0	75.3
07/23/2024 10:38	12.5	2.2	1.55	0.006	3.56	5,996.1	626.0	75.3
07/23/2024 10:39	12.5	2.2	1.55	0.006	3.57	5,999.4	626.3	75.2
07/23/2024 10:40	12.5	2.2	1.55	0.006	3.56	5,990.4	625.4	75.2
07/23/2024 10:41	12.5	2.1	1.48	0.005	3.41	6,010.9	627.5	75.4
07/23/2024 10:42	12.5	2.1	1.48	0.005	3.40	5,997.2	626.1	75.5
07/23/2024 10:43	12.5	2.1	1.48	0.005	3.40	5,994.3	625.8	75.4
07/23/2024 10:44	12.5	2.1	1.48	0.005	3.39	5,979.5	624.3	75.4
07/23/2024 10:45	12.5	2.1	1.48	0.005	3.39	5,975.6	623.9	75.3
07/23/2024 10:46	12.6	2.1	1.49	0.005	3.43	5,970.1	623.3	75.1
07/23/2024 10:47	12.6	2.2	1.56	0.006	3.59	5,962.6	622.5	75.0
07/23/2024 10:48	12.6	2.2	1.56	0.006	3.60	5,991.4	625.5	75.2
07/23/2024 10:49	12.5	2.1	1.48	0.005	3.40	5,984.5	624.8	75.2
07/23/2024 10:50	12.5	2.1	1.48	0.005	3.39	5,983.6	624.7	75.1
07/23/2024 10:51	12.5	2.1	1.48	0.005	3.40	6,001.0	626.5	75.3
07/23/2024 10:52	12.5	2.1	1.48	0.005	3.41	6,003.3	626.7	75.3
07/23/2024 10:53	12.5	2.1	1.48	0.005	3.39	5,983.4	624.7	75.1
07/23/2024 10:54	12.5	2.1	1.48	0.005	3.40	5,987.5	625.1	75.2
07/23/2024 10:55	12.5	2.1	1.48	0.005	3.39	5,976.2	623.9	75.3
07/23/2024 10:56	12.5	2.1	1.48	0.005	3.40	5,989.3	625.3	75.3
07/23/2024 10:57	12.6	2.1	1.49	0.005	3.44	5,986.8	625.0	75.3
07/23/2024 10:58	12.6	2.1	1.49	0.005	3.43	5,979.9	624.3	75.2

CT2_NOX_RATA

NOX RATA

CT2

From: 07/23/2024 07:00 To: 07/23/2024 11:55 Facility Name: ROSEVILLE ENERGY
Generated: 07/23/2024 13:48 Location: Roseville, CA



Red = Sample Invalid

	Unit CT2 O2, Dry, Pct	Unit CT2 NOX, Ppm	Unit CT2 NOx, Ppmvdc	Unit CT2 NOx, LbPerMBtu	Unit CT2 NOx, LbPerHr	Unit CT2 GasFlowTotal, 100scfh	Unit CT2 HI, MBtuPerHr	Unit CT2 Load_Total, Mwe
Date/Time	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)
07/23/2024 10:59	12.5	2.1	1.48	0.005	3.40	5,992.0	625.6	75.2
07/23/2024 11:00	12.5	2.1	1.48	0.005	3.41	6,004.5	626.9	75.3
07/23/2024 11:01	12.5	2.1	1.48	0.005	3.40	5,989.6	625.3	75.3
07/23/2024 11:02	12.5	2.1	1.48	0.005	3.40	5,994.3	625.8	75.2
07/23/2024 11:03	12.5	2.1	1.48	0.005	3.40	5,988.7	625.2	75.2
07/23/2024 11:04	12.5	2.1	1.48	0.005	3.40	5,995.2	625.9	75.2
07/23/2024 11:05	12.5	2.1	1.48	0.005	3.39	5,983.6	624.7	75.2
07/23/2024 11:06	12.5	2.1	1.48	0.005	3.40	5,996.8	626.1	75.0
07/23/2024 11:07	12.5	2.2	1.55	0.006	3.57	6,003.9	626.8	75.0
07/23/2024 11:08	12.5	2.2	1.55	0.006	3.57	6,012.7	627.7	75.4
07/23/2024 11:09	12.5	2.2	1.55	0.006	3.57	6,015.8	628.0	75.4
07/23/2024 11:10	12.5	2.2	1.55	0.006	3.56	5,988.4	625.2	75.4
07/23/2024 11:11	12.5	2.2	1.55	0.006	3.56	5,991.9	625.6	75.3
07/23/2024 11:12	12.5	2.2	1.55	0.006	3.56	5,991.0	625.5	75.4
07/23/2024 11:13	12.5	2.1	1.48	0.005	3.39	5,968.8	623.1	75.2
07/23/2024 11:14	12.5	2.1	1.48	0.005	3.39	5,977.9	624.1	75.1
07/23/2024 11:15	12.5	2.1	1.48	0.005	3.41	6,002.6	626.7	75.2
07/23/2024 11:16	12.5	2.1	1.48	0.005	3.41	6,008.2	627.3	75.2
07/23/2024 11:17	12.5	2.1	1.48	0.005	3.41	6,018.3	628.3	75.3
07/23/2024 11:18	12.5	2.2	1.55	0.006	3.57	6,008.0	627.2	75.3
07/23/2024 11:19	12.5	2.2	1.55	0.006	3.57	6,004.2	626.8	75.3
07/23/2024 11:20	12.5	2.2	1.55	0.006	3.57	6,000.8	626.5	75.2
07/23/2024 11:21	12.5	2.2	1.55	0.006	3.57	6,005.7	627.0	75.2
07/23/2024 11:22	12.5	2.2	1.55	0.006	3.56	5,985.4	624.9	75.2
07/23/2024 11:23	12.5	2.1	1.48	0.005	3.42	6,022.1	628.7	75.3
07/23/2024 11:24	12.5	2.1	1.48	0.005	3.41	6,018.8	628.4	75.5
07/23/2024 11:25	12.5	2.2	1.55	0.006	3.56	5,989.1	625.3	75.4
07/23/2024 11:26	12.5	2.2	1.55	0.006	3.57	5,998.9	626.3	75.5
07/23/2024 11:27	12.5	2.2	1.55	0.006	3.56	5,985.3	624.9	75.3
07/23/2024 11:28	12.5	2.1	1.48	0.005	3.39	5,974.5	623.7	75.0

CT2_NOX_RATA

NOX RATA CT2



From: 07/23/2024 07:00 To: 07/23/2024 11:55 Facility Name: ROSEVILLE ENERGY
Generated: 07/23/2024 13:48 Location: Roseville, CA

Red = Sample Invalid

	Unit CT2 O2, Dry, Pct	Unit CT2 NOx, Ppm	Unit CT2 NOx, Ppmvdc	Unit CT2 NOx, LbPerMBtu	Unit CT2 NOx, LbPerHr	Unit CT2 GasFlowTotal, 100scfh	Unit CT2 HI, MBtuPerHr	Unit CT2 Load_Total, Mwe
Date/Time	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)	1 Minute(s)
07/23/2024 11:29	12.5	2.1	1.48	0.005	3.40	5,997.8	626.2	75.0
07/23/2024 11:30	12.5	2.1	1.48	0.005	3.43	6,038.3	630.4	75.2
07/23/2024 11:31	12.4	2.1	1.46	0.005	3.39	6,051.1	631.7	75.4
07/23/2024 11:32	12.4	2.1	1.46	0.005	3.39	6,039.7	630.5	75.4
07/23/2024 11:33	12.4	2.2	1.53	0.006	3.54	6,034.8	630.0	75.5
07/23/2024 11:34	12.4	2.2	1.53	0.006	3.55	6,042.0	630.8	75.6
07/23/2024 11:35	12.4	2.2	1.53	0.006	3.54	6,022.2	628.7	75.5
07/23/2024 11:36	12.4	2.2	1.53	0.006	3.52	5,994.9	625.9	75.5
07/23/2024 11:37	12.5	2.2	1.55	0.006	3.55	5,980.5	624.4	75.5
07/23/2024 11:38	12.5	2.1	1.48	0.005	3.40	5,986.8	625.0	75.3
07/23/2024 11:39	12.5	2.1	1.48	0.005	3.40	5,990.9	625.4	75.0
07/23/2024 11:40	12.5	2.1	1.48	0.005	3.41	6,016.3	628.1	75.1
07/23/2024 11:41	12.4	2.1	1.46	0.005	3.38	6,031.2	629.7	75.3
07/23/2024 11:42	12.4	2.2	1.53	0.006	3.54	6,021.6	628.7	75.4
07/23/2024 11:43	12.4	2.2	1.53	0.006	3.53	6,010.4	627.5	75.3
07/23/2024 11:44	12.5	2.1	1.48	0.005	3.41	6,007.3	627.2	75.3
07/23/2024 11:45	12.4	2.1	1.46	0.005	3.37	6,012.9	627.7	75.2
07/23/2024 11:46	12.5	2.1	1.48	0.005	3.41	6,010.6	627.5	75.4
07/23/2024 11:47	12.5	2.2	1.55	0.006	3.57	6,012.8	627.7	75.2
07/23/2024 11:48	12.5	2.2	1.55	0.006	3.57	6,002.0	626.6	75.2
07/23/2024 11:49	12.4	2.2	1.53	0.006	3.53	6,017.7	628.2	75.1
07/23/2024 11:50	12.4	2.2	1.53	0.006	3.53	6,016.1	628.1	75.3
07/23/2024 11:51	12.4	2.2	1.53	0.006	3.53	6,012.9	627.7	75.3
07/23/2024 11:52	12.4	2.1	1.46	0.005	3.37	6,007.8	627.2	75.3
07/23/2024 11:53	12.5	2.1	1.48	0.005	3.41	6,015.1	628.0	75.1
07/23/2024 11:54	12.4	2.1	1.46	0.005	3.38	6,033.0	629.8	75.2
07/23/2024 11:55	12.4	2.1	1.46	0.005	3.38	6,028.0	629.3	75.3

Valid Data Points: 296 296 296 296 296 296 296 296

CT2_NOX_RATA

NOx RATA CT2



From: 07/23/2024 07:00 **To:** 07/23/2024 11:55 **Facility Name:** ROSEVILLE ENERGY
Generated: 07/23/2024 13:48 **Location:** Roseville, CA

Red = Sample Invalid

Average:	12.6	2.1	1.50	0.005	3.47	5,993.6	625.7	75.4
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110 Maple Street, Auburn, CA 95603 • (530) 745-2330 • Fax (530) 745-2373 • www.placer.ca.gov/apcd

Erik C. White, Air Pollution Control Officer

| | | | - | | 2 0 2 4 0 1 7

Year

Non-Compliance
Event Number**NON-COMPLIANCE EVENT NOTIFICATION FORM – PART I**

submit within 2 business hours after detection of the Non-Compliance Event

1. Company Name	ROSEVILLE ENERGY PARK	Address	5120 PHILLIP ROAD, ROSEVILLE, CA.					
2. Title V Source Status	Major Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Synthetic Minor	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
3. For Title V Sources, is the Non-Compliance Event the Result of an Emergency under District Rule 507, Section 402.2(l)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>							
4. Emission Exceedances	NOx <input type="checkbox"/>	SOx <input type="checkbox"/>	PM <input type="checkbox"/>	VOC <input type="checkbox"/>	CO <input type="checkbox"/>	Opacity <input type="checkbox"/>	None <input checked="" type="checkbox"/>	check all that apply
5. CEMS / COMS / CMS Breakdown	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
6. Detection of Non-Compliance Event	Date	7/21/24	Time	04:10	<input checked="" type="checkbox"/> AM <input type="checkbox"/> PM			
7. Start of Non-Compliance Event	Date	7/21/24	Time	03:10	<input type="checkbox"/> AM <input checked="" type="checkbox"/> PM <input type="checkbox"/> Not known			
8. Violation	Permit No. REPR-20-01	Condition No. 35	Rule	Section				
9. Unit / Equipment Involved	CT1 - CEMS							
10. Description / Cause of Non-Compliance Event	CALIBRATION FAIL, HOSE ASSEMBLY AND PUMP FAIL <input type="checkbox"/>							
additional information attached								
11. Immediate Corrective Actions	REPLACE PUMP, HOSE. RECALIBRATE <input checked="" type="checkbox"/> additional information attached							
12. Was the Non-Compliance Event an Emission Violation or Monitoring Equipment Failure or Malfunction	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
If yes, do you Request that the Violation, Failure or Malfunction be Shielded from Enforcement Action as an Upset / Breakdown Pursuant to District Rule 404								
Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>		Not Able to Determine at this Time <input checked="" type="checkbox"/>		If "Yes", complete and submit the Upset / Breakdown Checklist Form with Part I		
13. Submitted By	TONY JOHNSON			Telephone	(916) 295 - 9804			
Signature				Date	7/22/24	Time	08:00	<input checked="" type="checkbox"/> AM <input type="checkbox"/> PM

NON-COMPLIANCE EVENT NOTIFICATION FORM – PART II

submit within 7 calendar days after end of the Non-Compliance Event

14. End of Non-Compliance Event	Date	7/21/24	Time	08:00	<input checked="" type="checkbox"/> AM <input type="checkbox"/> PM			
15. Duration of Non-Compliance Event	Hours	3	Minutes					
16. Excess Emissions Estimates	NOx	SOx	PM					
	VOC	CO	Opacity	%, for	minutes	Other		
17. Variance in Effect	Yes <input type="checkbox"/> Variance #		No <input checked="" type="checkbox"/>					
18. Corrective and Preventative Actions Taken	(a) Minimize Emissions		(b) Correct Event SEE ATTACHE					
MAINTENANCE REPORT			(c) Prevent Future Events			<input type="checkbox"/> additional information attached		
19. If Not Able to Determine in Item 12 of Part I, Was the Non-Compliance Event an Emission Violation or Monitoring Equipment Failure or Malfunction	If yes, do you Request that the Violation, Failure or Malfunction be Shielded from Enforcement Action as an Upset / Breakdown Under District Rule 404							
Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>		If "Yes", complete and submit the Upset / Breakdown Checklist Form if not previously submitted with Part I				
20. Submitted By	TONY JOHNSON			Telephone	(916) 295 - 9804			
I certify under penalty of law that I am the responsible official for this facility, or his/her duly designated representative, and based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.								
Signature				Date	7/22/24	Time	08:00	<input checked="" type="checkbox"/> AM <input type="checkbox"/> PM

UPSET / BREAKDOWN AND EMERGENCY CHECKLIST

Non-Compliance
Event Number

Company Name	ROSEVILLE ENERGY PARK	Address	5120 PHILLIP ROAD, ROSEVILLE.		
Detection of Non-Compliance Event	Date	7/21/2024	Time	04:10	<input checked="" type="checkbox"/> AM <input type="checkbox"/> PM

Complete the following questions associated with determining whether an event is an "Upset/Breakdown" Event pursuant to Rule 404, and/or an "Emergency" Event pursuant to Rule 507. To be considered as a legitimate Upset / Breakdown or Emergency event, all of the checklist questions must be answered with a "Yes" checkmark.

Yes **No**

- | | | |
|-------------------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1. Equipment associated with the breakdown event have been designed, maintained, and operated in a manner consistent with minimizing emissions. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. The amount and duration of emissions as a result of the event have been minimized. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. The event is not part of a recurring pattern of previous breakdowns of the same equipment for same/similar reasons that are indicative of inadequate equipment design, operation, or maintenance. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. The event is not the result of operator error, negligence, carelessness, or willful misconduct (i.e., the facility is being properly operated). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 5. The event is not the result of improper equipment design. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 6. The event is not the result of improper preventative maintenance of equipment. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 7. The event is the result of a sudden, unavoidable breakdown of equipment, beyond the control of the operator. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 8. The event could not have been foreseen or avoided or planned for, and could not have been avoided or prevented by better operating and maintenance practices. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 9. The event has not resulted in a nuisance. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 10. The event is not the result of the disregard of air pollution rules or regulations. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 11. This Upset / Breakdown form has been completed and submitted to the District in a timely manner -- within 7 calendar days from the end of the Non-Compliance Event. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 12. Immediate corrective actions have been taken to minimize emissions, as described in Item 11 on the Part I Non-Compliance Event Notification Form. |

I certify under penalty of law that I am the responsible official for this facility, or his/her duly designated representative, and based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Signature



You are requesting that the District not take enforcement action because the Non-Compliance Event is the result of an "Upset / Breakdown" Event under District Rule 404. A breakdown condition means an unforeseeable failure or malfunction of 1) any air pollution control equipment or related operating equipment which causes a violation of any emission limitations or restriction prescribed by the District Rules and Regulations, or by State law, or 2) any in-stack continuous monitoring equipment, where such failure or malfunction: (1) is not the result of neglect or disregard of any air pollution control law or rule or regulation; (2) is not intentional or the result of negligence; (3) is not the result of improper maintenance; (4) does not constitute a nuisance; (5) is not a recurrent breakdown of the same equipment. You have the burden of providing sufficient information to demonstrate that the Upset / Breakdown was an unforeseeable equipment failure or malfunction that meets the above listed criteria. This checklist must be completed and returned to the District with either the Part 1 or Part II Non-Compliance Event Notification form to attest to your having made this determination. Submission of a request for shielding from enforcement action does not by itself confer such a shield. If breakdown or emission exceeding operations continue after the breakdown or emission exceedance is identified, the possibility exists that the District after consideration of the information provided, the timeliness and completeness of the submittals, and a comparison to other like breakdowns, may ultimately determine that the Non-Compliance Event was not the result of a legitimate Upset / Breakdown event and may elect to take enforcement action. Action to return to compliance should be accomplished as expeditiously as possible. Thus, you are advised to: (1) assure that the breakdown meets the criteria for an unforeseeable failure or malfunction; (2) minimize emissions resulting from the event to the maximum degree possible; and (3) assure that the required failure and malfunction information and information on the corrective actions taken is provided to the District in a complete and timely manner.

Excess Emission Report



From: 07/01/2024 00:00 **To:** 09/30/2024 23:59 **Facility Name:** ROSEVILLE ENERGY
Generated: 10/11/2024 09:00 **Location:** Roseville, CA

Tag Name: ALL_CO_Lb_1D
Total Operating Time: 92.00 Day(s) **No Exclusions Allowed**
Non-Operating Time: 0.00 Day(s) Report Time: 92.00 Day(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	92.00 Day(s)
Total Duration (Online only):	0.00 Day(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

Excess Emission Report



From: 07/01/2024 00:00 **To:** 09/30/2024 23:59 **Facility Name:** ROSEVILLE ENERGY
Generated: 10/11/2024 09:01 **Location:** Roseville, CA

Tag Name: ALL_NOX_Lb_1D
Total Operating Time: 92.00 Day(s) **No Exclusions Allowed**
Non-Operating Time: 0.00 Day(s) Report Time: 92.00 Day(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	92.00 Day(s)
Total Duration (Online only):	0.00 Day(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

Excess Emission Report



From: 07/01/2024 00:00 **To:** 09/30/2024 23:59 **Facility Name:** ROSEVILLE ENERGY
Generated: 10/11/2024 09:01 **Location:** Roseville, CA

Tag Name: ALL_PM10_Lb_1D
Total Operating Time: 92.00 Day(s) **No Exclusions Allowed**
Non-Operating Time: 0.00 Day(s) Report Time: 92.00 Day(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	92.00 Day(s)
Total Duration (Online only):	0.00 Day(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

Excess Emission Report



From: 07/01/2024 00:00 **To:** 09/30/2024 23:59 **Facility Name:** ROSEVILLE ENERGY
Generated: 10/11/2024 09:02 **Location:** Roseville, CA

Tag Name: ALL_SO2_Lb_1D
Total Operating Time: 92.00 Day(s) **No Exclusions Allowed**
Non-Operating Time: 0.00 Day(s) Report Time: 92.00 Day(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	92.00 Day(s)
Total Duration (Online only):	0.00 Day(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

Excess Emission Report



From: 07/01/2024 00:00 **To:** 09/30/2024 23:59 **Facility Name:** ROSEVILLE ENERGY
Generated: 10/11/2024 09:02 **Location:** Roseville, CA

Tag Name: ALL_VOC_Lb_1D
Total Operating Time: 92.00 Day(s) **No Exclusions Allowed**
Non-Operating Time: 0.00 Day(s) Report Time: 92.00 Day(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	92.00 Day(s)
Total Duration (Online only):	0.00 Day(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

CO LbPerHr 3-Hour Rolling Excess Emissions

CT1



From: 07/01/2024 00:00 To: 09/30/2024 23:59 Facility Name: ROSEVILLE ENERGY
Generated: 10/11/2024 09:03 Location: Roseville, CA

Tag Name: CT1_CO_3Hr_LbPerHr_1H
Total Operating Time: 2,208.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 0.00 Hour(s) Report Time: 2,208.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	2,208.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

CO Ppmvdc 3-Hour Block Excess Emissions



CT1

From: 07/01/2024 00:00 To: 09/30/2024 23:59 Facility Name: ROSEVILLE ENERGY
Generated: 10/11/2024 09:04 Location: Roseville, CA

Tag Name: CT1_CO_Ppmvdc_3H
Total Operating Time: 2,208.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 0.00 Hour(s) Report Time: 2,208.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	2,208.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

CO LbPerHr SUSd 1-Hour Block Excess Emissions



CT1

From: 07/01/2024 00:00 To: 09/30/2024 23:59 Facility Name: ROSEVILLE ENERGY
Generated: 10/11/2024 09:04 Location: Roseville, CA

Tag Name: CT1_CO_SUSd_LbPerHr_1H
Total Operating Time: 2,208.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 0.00 Hour(s) Report Time: 2,208.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	2,208.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

NH3 Slip Ppmvdc 1-Hour Block Excess Emissions



CT1

From: 07/01/2024 00:00 To: 09/30/2024 23:59 Facility Name: ROSEVILLE ENERGY
Generated: 10/11/2024 09:05 Location: Roseville, CA

Tag Name: CT1_NH3Slip_Ppmvdc_1H
Total Operating Time: 2,208.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 0.00 Hour(s) Report Time: 2,208.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	2,208.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

NOx LbPerHr 1-Hour Block Excess Emissions



CT1

From: 07/01/2024 00:00 To: 09/30/2024 23:59 Facility Name: ROSEVILLE ENERGY
Generated: 10/11/2024 09:05 Location: Roseville, CA

Tag Name: CT1_NOx_Norm_LbPerHr_1H
Total Operating Time: 2,208.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 0.00 Hour(s) Report Time: 2,208.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	2,208.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

NOx Ppmvdc 1-Hour Block Excess Emissions



CT1

From: 07/01/2024 00:00 To: 09/30/2024 23:59 Facility Name: ROSEVILLE ENERGY
Generated: 10/11/2024 09:06 Location: Roseville, CA

Tag Name: CT1_NOx_Ppmvdc_1H
Total Operating Time: 2,208.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 0.00 Hour(s) Report Time: 2,208.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	2,208.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

NOx LbPerHr SUSd 1-Hour Block Excess Emissions



CT1

From: 07/01/2024 00:00 To: 09/30/2024 23:59 Facility Name: ROSEVILLE ENERGY
Generated: 10/11/2024 09:06 Location: Roseville, CA

Tag Name: CT1_NOx_SUSd_LbPerHr_1H
Total Operating Time: 2,208.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 0.00 Hour(s) Report Time: 2,208.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	2,208.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

PM10 LbPerHr 1-Hour Block Excess Emissions

CT1



From: 07/01/2024 00:00 To: 09/30/2024 23:59 Facility Name: ROSEVILLE ENERGY
Generated: 10/11/2024 09:07 Location: Roseville, CA

Tag Name: CT1_PM10_Norm_LbPerHr_1H
Total Operating Time: 2,208.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 0.00 Hour(s) Report Time: 2,208.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	2,208.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

S02 LbPerHr 1-Hour Block Excess Emissions



CT1

From: 07/01/2024 00:00 To: 09/30/2024 23:59 Facility Name: ROSEVILLE ENERGY
Generated: 10/11/2024 09:08 Location: Roseville, CA

Tag Name: CT1_S02_Norm_LbPerHr_1H
Total Operating Time: 2,208.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 0.00 Hour(s) Report Time: 2,208.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	2,208.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

VOC LbPerHr 1-Hour Block Excess Emissions



CT1

From: 07/01/2024 00:00 To: 09/30/2024 23:59 Facility Name: ROSEVILLE ENERGY
Generated: 10/11/2024 09:08 Location: Roseville, CA

Tag Name: CT1_VOC_Norm_LbPerHr_1H
Total Operating Time: 2,208.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 0.00 Hour(s) Report Time: 2,208.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	2,208.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

CO LbPerHr 3-Hour Rolling Excess Emissions

CT2



From: 07/01/2024 00:00 To: 09/30/2024 23:59 Facility Name: ROSEVILLE ENERGY
Generated: 10/11/2024 09:09 Location: Roseville, CA

Tag Name: CT2_CO_3Hr_LbPerHr_1H
Total Operating Time: 2,162.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 46.00 Hour(s) Report Time: 2,208.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	2,162.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

CO Ppmvdc 3-Hour Block Excess Emissions



CT2

From: 07/01/2024 00:00 To: 09/30/2024 23:59 Facility Name: ROSEVILLE ENERGY
Generated: 10/11/2024 09:15 Location: Roseville, CA

Tag Name: CT2_CO_Ppmvdc_3H
Total Operating Time: 2,162.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 46.00 Hour(s) Report Time: 2,208.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	2,162.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

CO LbPerHr SUSd 1-Hour Block Excess Emissions



CT2

From: 07/01/2024 00:00 To: 09/30/2024 23:59 Facility Name: ROSEVILLE ENERGY
Generated: 10/11/2024 09:15 Location: Roseville, CA

Tag Name: CT2_CO_SUSD_LbPerHr_1H
Total Operating Time: 2,162.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 46.00 Hour(s) Report Time: 2,208.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	2,162.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

NH3 Slip Ppmvdc 1-Hour Block Excess Emissions



CT2

From: 07/01/2024 00:00 To: 09/30/2024 23:59 Facility Name: ROSEVILLE ENERGY
Generated: 10/11/2024 09:16 Location: Roseville, CA

Tag Name: CT2_NH3Slip_Ppmvdc_1H
Total Operating Time: 2,162.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 46.00 Hour(s) Report Time: 2,208.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	2,162.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

NOx LbPerHr 1-Hour Block Excess Emissions



CT2

From: 07/01/2024 00:00 To: 09/30/2024 23:59 Facility Name: ROSEVILLE ENERGY
Generated: 10/11/2024 09:17 Location: Roseville, CA

Tag Name: CT2_NOx_Norm_LbPerHr_1H
Total Operating Time: 2,162.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 46.00 Hour(s) Report Time: 2,208.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	2,162.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

NOx Ppmvdc 1-Hour Block Excess Emissions

CT2

From: 07/01/2024 00:00 To: 09/30/2024 23:59 Facility Name: ROSEVILLE ENERGY
Generated: 10/11/2024 09:17 Location: Roseville, CA



Tag Name: CT2_NOx_Ppmvdc_1H
Total Operating Time: 2,162.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 46.00 Hour(s) Report Time: 2,208.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	2,162.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

NOx LbPerHr SUSd 1-Hour Block Excess Emissions



CT2

From: 07/01/2024 00:00 To: 09/30/2024 23:59 Facility Name: ROSEVILLE ENERGY
Generated: 10/11/2024 09:18 Location: Roseville, CA

Tag Name: CT2_NOx_SUSd_LbPerHr_1H
Total Operating Time: 2,162.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 46.00 Hour(s) Report Time: 2,208.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	2,162.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

PM10 LbPerHr 1-Hour Block Excess Emissions

CT2



From: 07/01/2024 00:00 To: 09/30/2024 23:59 Facility Name: ROSEVILLE ENERGY
Generated: 10/11/2024 09:18 Location: Roseville, CA

Tag Name: CT2_PM10_Norm_LbPerHr_1H
Total Operating Time: 2,162.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 46.00 Hour(s) Report Time: 2,208.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	2,162.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

S02 LbPerHr 1-Hour Block Excess Emissions



CT2

From: 07/01/2024 00:00 To: 09/30/2024 23:59 Facility Name: ROSEVILLE ENERGY
Generated: 10/11/2024 09:19 Location: Roseville, CA

Tag Name: CT2_SO2_Norm_LbPerHr_1H
Total Operating Time: 2,162.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 46.00 Hour(s) Report Time: 2,208.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	2,162.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

VOC LbPerHr 1-Hour Block Excess Emissions

CT2

From: 07/01/2024 00:00 To: 09/30/2024 23:59 Facility Name: ROSEVILLE ENERGY
Generated: 10/11/2024 09:19 Location: Roseville, CA



Tag Name: CT2_VOC_Norm_LbPerHr_1H
Total Operating Time: 2,162.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 46.00 Hour(s) Report Time: 2,208.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	2,162.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

NOTICE OF VIOLATION

July 22, 2024

Attn: Nathan Ribordy
Roseville Energy Park
5120 Phillip Road
Roseville, CA 95747

Notice of Violation:

Number: 6048
Date(s): June 14, 2024
Location: 5120 Phillip Rd., Roseville, California

This letter is your notice that the Placer County Air Pollution Control District (District), authorized and established by California Health and Safety Code Section 40002, has made the finding that you are responsible for violations of District rules and regulations and/or state/federal air pollution laws. You can find District rules at <http://www.placerair.org/rules>.

Violation Circumstances:

Combustion turbine (CT) 2 under District permit to Operate REPR-20-02 had a CO emission exceedance of permit condition 51, which limits your CO emissions during start-up and shutdown to 89.5 lbs./hr., which was reported as Non-Compliance Event 24-013.

The exceedance is reported to have occurred when CT2 was online, and the operator received an alarm that the ammonia supply valve closed. In response, the operator shut down CT2 and started CT1. Normally the operator increases the load to at least 25 MW after the generator breaker synchronizes to the grid; however, the operator increased the load four minutes after the synchronization. CO emissions for the startup of CT1 were 91.3 lbs./hr., which exceeds your permit limit during startup.

Settlement Offer:

As is provided for in State law, it is the District's policy to settle these matters through a mutual settlement process in lieu of pursuing this case in court. Accordingly, the District offers to settle this matter pursuant to the conditions listed in the proposed settlement agreement (enclosed), including a monetary penalty of **Five Hundred Sixty Dollars (\$560)**. For the violations you have liability of up to \$10,000 per violation per day pursuant to California Health and Safety Code Section 42402(b)(1). The offer is reduced from the maximum to encourage settlement out of court and in consideration of the severity and circumstances of the violation(s).

If the terms listed in the agreement are acceptable, you are requested to sign and return the enclosed Settlement Agreement, with a check payable to the Placer County Air Pollution Control District in the

amount of the penalty, or a receipt showing that you have paid the penalty online at <http://www.placerair.org/onlinepayments>.

Payment must be received no later than **August 23, 2024**. Upon receipt of the signed agreement and your payment, you will be provided with a letter acknowledging settlement of this matter. If this case is not settled by August 23, 2024, then the settlement offer is withdrawn. Cases that are not resolved through this mutual process will be settled through court action.

If you have any questions regarding this matter or have additional facts or circumstances for the District to consider in settling this matter, please contact me at (530) 308-4871.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Bruce Springsteen', with a stylized flourish extending to the right.

Bruce Springsteen
Compliance and Enforcement Manager

AGREEMENT

Notice of Violation No. 6048

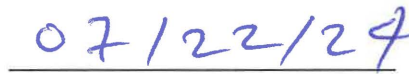
Roseville Energy Park shall pay a settlement of **Five Hundred Sixty Dollars (\$560)**, in lieu of civil penalties determined pursuant to California Health and Safety Code Section 42402 et seq. The total monetary settlement is to be paid no later than **August 23, 2024**.

Return of this agreement is requested by August 23, 2024

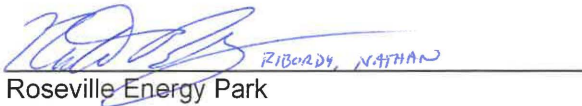
Failure to meet any of these agreement conditions shall void this agreement. In consideration of this settlement, the District agrees to refrain from seeking additional penalties with regard to the violation(s) set forth in this Notice of Violation letter. Notwithstanding this agreement, any evidence used in this matter may also be used in subsequent, but separate, enforcement actions. The signatures below signify agreement with the stated terms and conditions. By agreeing to these terms the alleged violator does not indicate acceptance of guilt.



Bruce Springsteen
Compliance and Enforcement Manager
Placer County Air Pollution Control District



Date


RIBORDY, NATHAN

Roseville Energy Park



Date

Please return this form, with a check payable to the *Placer County Air Pollution Control District* in the amount of the penalty, or a receipt showing that you have paid the penalty online at <http://www.placerair.org/onlinepayments>, to the *Placer County Air Pollution Control District*, 110 Maple Street, Auburn, CA 95603, in acknowledgment that these terms of settlement are acceptable.

RETURN THIS AGREEMENT WITH YOUR PAYMENT



NOTICE OF VIOLATION

September 16, 2024

Attn: Julie Manfredi
Roseville Energy Park
2090 Hilltop Cir.
Roseville, CA 95747

Notice of Violation:

Number: 5951 and 5952
Date(s): May 22, 2024 and May 30, 2024
Location: 5120 Phillip Rd., Roseville, California

This letter is your notice that the Placer County Air Pollution Control District (District), authorized and established by California Health and Safety Code Section 40002, has made the finding that you are responsible for violation(s) of District rules and regulations and/or state/federal air pollution laws. You can find District rules at <http://www.placerair.org/1861/Rules>.

Violation Circumstances:

On the above date(s) at the above location, annual source testing was performed on your permitted combustion turbines (CT) and a Relative Accuracy Test Audit (RATA) was performed for the Continuous Emissions Monitoring Systems, as required by District Permit to Operate REPR-20-02 and REPR-20-04. The following failures occurred:

- Test results for CT2 indicated volatile organic compounds (VOC) emissions measured 2.1 ppmvd @ 15% O₂, which exceeds the limit in Permit to Operate REPR-20-02, Condition No. 49, of 2.0 ppmvd (1 hour average).
- CT6 test results reported VOC emissions measured 0.70 lb/hr, which exceeds the limit in Permit REPR-20-04, Condition No. 34, of 0.66 lb/hr.
- The Relative Accuracy for the nitrogen oxides (NO_x) monitor on CT2 was determined to be 23.2% ppm @ 15% O₂ and 20.4% for lb/hr. This does not meet the 40 CFR Part 60 Appendix B Performance Specification limit of 20% of the reference measurement mean, as required by Permit REPR-20-02, Condition No. 15.
- The Relative Accuracy for the NO_x monitor on CT6 was determined to be 45.6% ppm @ 15% O₂; 46.9% for lb/hr; and 42.1% for lb/MMBtu. These do not meet the 40 CFR Part 60 Appendix B Performance Specification limit of 20% of the reference measurement mean, as required by Permit REPR-20-04, Condition No. 18.

To allow for continued operation and troubleshooting and repair, you requested Emergency Variance #24-03 and #24-04 on July 9 and 12, 2024, respectively. The District Hearing Board granted the variances on July 12 and 16, 2024, with expiration dates of August 11 and 14, 2024.

You investigated the cause of the RATA failure, replaced your calibration gases, and did manual calibrations. You indicate that the NOx monitor RATA failure resulted from minor variations in gas bottle concentrations, which led the analyzer to drift. You assert that although the deviations are within the allowable tolerances, they caused the RATA failure. Both VOC test failures were attributed to contamination.

On July 23 and 24, 2024, you performed a retest and successfully demonstrated compliance with your VOC limits and the NOx monitor RATA requirements, as documented by the test reports dated August 28, 2024.

Settlement Offer:

Based upon our investigation, there is sufficient information to proceed with a civil action pursuant to California Health and Safety Code, Article 3, Section 42402 et seq. As is provided for in State law, it is the District's policy to settle these matters through a mutual settlement process in lieu of pursuing this case in court.

Accordingly, the District offers to settle this matter pursuant to the conditions listed in the proposed settlement agreement (enclosed), including a monetary penalty of **Two Thousand Four Hundred Fifty Dollars (\$2,450)**. For the violation, you have liability of up to \$25,000 per violation per day pursuant to California Health and Safety Code Section 42402.1(a). The offer is reduced from the maximum to encourage settlement out of court and in consideration of the severity and circumstances of the violation(s).

If the terms listed in the agreement are acceptable, you are requested to sign and return the enclosed Settlement Agreement, with a check payable to the Placer County Air Pollution Control District in the amount of the penalty, or a receipt showing that you have paid the penalty online at <http://www.placerair.org/onlinepayments>. Payment must be received no later than **October 18, 2024**. Upon receipt of the signed agreement and your payment, you will be provided with a letter acknowledging settlement of this matter.

If this case is not settled by October 18, 2024, then the settlement offer is withdrawn. Cases that are not settled through this mutual settlement process the District will seek resolution through court action. If you feel there are additional facts or circumstances the District should take into consideration in settling this matter, contact me at (530) 308-4871.

Sincerely,



Bruce Springsteen
Compliance and Enforcement Manager

Enclosures: Settlement Agreement

AGREEMENT

Notice of Violation No. 5951 and 5952

Roseville Energy Park shall pay a settlement of **Two Thousand Four Hundred Fifty Dollars (\$2,450)**, in lieu of civil penalties determined pursuant to California Health and Safety Code Section 42402 et seq. The total monetary settlement is to be paid no later than **October 18, 2024**.

Return of this agreement is requested by October 18, 2024

Failure to meet any of these agreement conditions shall void this agreement. In consideration of this settlement, the District agrees to refrain from seeking additional penalties with regard to the violation(s) set forth in this Notice of Violation letter. Notwithstanding this agreement, any evidence used in this matter may also be used in subsequent, but separate, enforcement actions. The signatures below signify agreement with the stated terms and conditions. By agreeing to these terms the alleged violator does not indicate acceptance of guilt.


Bruce Springsteen
Compliance and Enforcement Manager

09/16/24
Date


Nathan Ribordy (Oct 8, 2024 06:18 PDT)

10/08/2024

Date

Roseville Energy Park **Gen Superintendent**

Please return this form with payment of the monetary portion of the settlement to the *Placer County Air Pollution Control District, 110 Maple Street, Auburn, CA 95603*, in acknowledgment that these terms of settlement are accepted.

RETURN THIS AGREEMENT WITH YOUR PAYMENT


Julie Manfredi (Oct 4, 2024 08:50 PDT)

Compliance Officer

AQ-40

AQ-40 The Project owner shall comply with the applicable requirements for quality assurance testing and maintenance of the continuous emission monitor equipment in accordance with the procedures and guidance specified in 40 CFR Part 60, Appendix F.

Verification: The Project owner shall include all CEMS quality assurance test failures that required corrective action as part of the Quarterly Air Quality Report required by the Condition of Certification AQ-SC6