DOCKETED	
Docket Number:	03-AFC-01C
Project Title:	Roseville Energy Park Compliance
TN #:	273243
Document Title:	Roseville Energy Park Quarterly Air Quality Report - Q3 2026 - Part 28s
Description:	N/A
Filer:	Roseville Electric Compliance
Organization:	Roseville Electric
Submitter Role:	Public Agency
Submission Date:	10/28/2026 7:52:54 AM
Docketed Date:	10/28/2026

	CT5_GasFlow_100scfh_1M			CT5_CO_Ppmvdc_1M			CT5_CO_Ppmvdc_1H			CT5_Startup_Minutes_1M			CT5_WaterInj_GPM_1M			CT5_Load_MWe_1M		
Date/Time	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**
07/14/26 20:32	401			7.9						0			0			0		
07/14/26 20:33	401			7.9						0			0			0		
07/14/26 20:34	254			7.6						0			0.2			0		
07/14/26 20:35	1			0						0			0			0		
07/14/26 20:36	2			0						0			0			0		
07/14/26 20:37	2			0						0			0			0		
07/14/26 20:38	2			0						0			0			0		
07/14/26 20:39	2			0						0			0			0		
07/14/26 20:40	2			0						0			0			0		
07/14/26 20:41	2			0						0			0			0		
07/14/26 20:42	2			0						0			0			0		
07/14/26 20:43	1			0						0			0			0		
07/14/26 20:44	2			0						0			0			0		
07/14/26 20:45	1			0						0			0			0		
07/14/26 20:46	2			0						0			0			0		
07/14/26 20:47	1			0						0			0			0		
07/14/26 20:48	2			0						0			0			0		
07/14/26 20:49	2			0						0			0			0		
07/14/26 20:50	2			0						0			0			0		
07/14/26 20:51	1			0						0			0			0		
07/14/26 20:52	2			0						0			0			0		
07/14/26 20:53	2			0						0			0			0		
07/14/26 20:54	2			0						0			0			0		
07/14/26 20:55	2			0						0			0			0		
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07/14/26 20:57	2			0						0			0			0		
07/14/26 20:58	2			0						0			0			0		
07/14/26 20:59	2			0						0			0			0		

Sample Spreadsheet Listing

	CT5_CO_1Hr_Ppmvdc_1M			CT5_CO_Norm_Ppmvdc_1H			CT5_ExhaustFlow_LbPerHr_1M			CT5_GasFlow_kscfh_1M			CT5_Load_MWe_1M			CT5_Startup_Minutes_1M		
Date/Time	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**
07/14/26 20:00	0	X		12			0			0.1			0			0		
07/14/26 20:01	0	X					0			0.1			0			0		
07/14/26 20:02	0	X					0			0.1			0			0		
07/14/26 20:03	0	X					0			0.2			0			0		
07/14/26 20:04	0	X					0			0.2			0			0		
07/14/26 20:05	0	X					0			0.1			0			0		
07/14/26 20:06	0	X					0			0.2			0			0		
07/14/26 20:07	0	X					0			0.1			0			0		
07/14/26 20:08	0	X					0			0.2			0			0		
07/14/26 20:09	0	X					0			0.2			0			0		
07/14/26 20:10	0	X					0			0.2			0			0		
07/14/26 20:11	0	X					0			0.2			0			0		
07/14/26 20:12	0	X					0			0.2			0			0		
07/14/26 20:13	0	X					0			0.2			0			0		
07/14/26 20:14	0	X					0			0.1			0			0		
07/14/26 20:15	0	X					0			0.2			0			0		
07/14/26 20:16	0	X					0			0.2			0			0		
07/14/26 20:17	0	X					0			0.2			0			0		
07/14/26 20:18	0	X					0			0.2			0			0		
07/14/26 20:19	0	X					0			0.2			0			0		
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07/14/26 20:21	0	X					0			0.2			0			0		
07/14/26 20:22	0	X					0			0.2			0			0		
07/14/26 20:23	0	X					0			0.2			0			1		
07/14/26 20:24	0	X					773724.8			21.6			0			2		
07/14/26 20:25	0	X					187154.7			27.4			0			3		
07/14/26 20:26	13.2						198892.6			29.2			0			0		
07/14/26 20:27	12.9						255210.9			39.2			0			0		
07/14/26 20:28	11.9						226228.9			39.5			0			0		
07/14/26 20:29	11.9						238508.1			40			0			0		
07/14/26 20:30	11.9						239078.7			40.1			0			0		
07/14/26 20:31	11.9						239078.7			40.1			0			0		

	CT5_CO_1Hr_Ppmvdc_1M			CT5_CO_Norm_Ppmvdc_1H			CT5_ExhaustFlow_LbPerHr_1M			CT5_GasFlow_kscfh_1M			CT5_Load_MWe_1M			CT5_Startup_Minutes_1M		
Date/Time	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**
07/14/26 20:32	11.9						239078.7			40.1			0			0		
07/14/26 20:33	11.9						239078.7			40.1			0			0		
07/14/26 20:34	11.9						151777.9			25.4			0			0		
07/14/26 20:35	11.9						1369.4			0.1			0			0		
07/14/26 20:36	11.9						0			0.2			0			0		
07/14/26 20:37	11.9						0			0.2			0			0		
07/14/26 20:38	11.9						0			0.2			0			0		
07/14/26 20:39	11.9						0			0.2			0			0		
07/14/26 20:40	11.9						0			0.2			0			0		
07/14/26 20:41	11.9						0			0.2			0			0		
07/14/26 20:42	11.9						0			0.2			0			0		
07/14/26 20:43	11.9						0			0.1			0			0		
07/14/26 20:44	11.9						0			0.2			0			0		
07/14/26 20:45	11.9						0			0.1			0			0		
07/14/26 20:46	11.9						0			0.2			0			0		
07/14/26 20:47	11.9						0			0.1			0			0		
07/14/26 20:48	11.9						0			0.2			0			0		
07/14/26 20:49	11.9						0			0.2			0			0		
07/14/26 20:50	11.9						0			0.2			0			0		
07/14/26 20:51	11.9						0			0.1			0			0		
07/14/26 20:52	11.9						0			0.2			0			0		
07/14/26 20:53	11.9						0			0.2			0			0		
07/14/26 20:54	11.9						0			0.2			0			0		
07/14/26 20:55	11.9						0			0.2			0			0		
07/14/26 20:56	11.9						0			0.2			0			0		
07/14/26 20:57	11.9						0			0.2			0			0		
07/14/26 20:58	11.9						0			0.2			0			0		
07/14/26 20:59	11.9						0			0.2			0			0		
07/14/26 21:00	0	X		0	X		0			0.2			0			0		

| | | |

Year

2	0			-			

Non-Compliance Event Number

UPSET / BREAKDOWN AND EMERGENCY CHECKLIST

Company Name		Address	
Detection of Non-Compliance Event	Date	Time	☐ AM ☐ 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		
☐	☐	1.	Equipment associated with the breakdown event have been designed, maintained, and operated in a manner consistent with minimizing emissions.
☐	☐	2.	The amount and duration of emissions as a result of the event have been minimized.
☐	☐	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.
☐	☐	4.	The event is not the result of operator error, negligence, carelessness, or willful misconduct (i.e., the facility is being properly operated).
☐	☐	5.	The event is not the result of improper equipment design.
☐	☐	6.	The event is not the result of improper preventative maintenance of equipment.
☐	☐	7.	The event is the result of a sudden, unavoidable breakdown of equipment, beyond the control of the operator.
☐	☐	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.
☐	☐	9.	The event has not resulted in a nuisance.
☐	☐	10.	The event is not the result of the disregard of air pollution rules or regulations.
☐	☐	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.
☐	☐	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.

CITY OF ROSEVILLE CALIFORNIA

Memorandum

Roseville Electric - Generation

To: Bruce Springsteen, *Manager, Compliance and Enforcement, PCAPCD*
Heather Selvester, *Air Quality Specialist, PCAPCD*

From: Drew Yarbrough, *Power Plant Operations Supervisor*

Date: June 27th, 2026

Subject: Non-Compliance Event Notification #2026-011 PART II

Bruce,

This memo provides supplemental details to the Non-Compliance Event Notification #2026-011.

The event occurred during startup of RPEAK CT6.

Incident Summary:

- **Hour of Exceedance:** 15:00-15:59 (CEMS Time)
- **Event:** During startup of CT6, engine load was ramped to 24MW and after 3 minutes, the generator breaker unexpectedly opened.
- **Response:** Operator reclosed breaker, believing the startup timer had not ended.

Emissions Impact:

On 7/20/26, during a successful startup of CT6, generator load was increased to 24MW. After 3 minutes of sustained operation, the generator breaker unexpectedly opened. The Control Room Operator confirmed that the startup signal was still active on the DAHS and reclosed the generator breaker, then raised load back up to 24MW. Unfortunately, the startup period ended shortly after the breaker had opened, resulting in higher than expected NOx emissions while the CT ran unloaded until the generator breaker was reclosed, within 1 minute of opening.

Follow-Up Actions:

1) Plant Engineering and Instrument Technicians are still reviewing relay logs to determine the reason for the generator breaker opening.
2) Operations will be directed to shutdown the unit to prevent excess emissions if a similar event were to happen in the future.

Drew Yarbrough

(916) 746-1656
dyarbrough@roseville.ca.us

NOx Ppmvdc 1-Hour Block Excess Emissions

CT6

From: 07/20/2026 00:00 **To:** 07/20/2026 23:59 **Facility Name:** ROSEVILLE ENERGY
Generated: 07/21/2026 04:25 **Location:** Roseville, CA

Tag Name: CT6_NOx_Norm_Ppmvdc_1H
Total Operating Time: 7.00 Hour(s) **No Exclusions Allowed**
Non-Operating Time: 17.00 Hour(s) Report Time: 24.00 Hour(s)

Inc No	Start Time	End Time	Duration in Hour(s)	Tag Value	Limit	Reason Code	Action Code
1	07/20/26 15:00	07/20/26 15:59	1	2.7	2.5	1 - Startup/shutdown	

Total Operating Time:	**7.00 Hour(s)**
Total Duration (Online only):	**1.00 Hour(s)**
Time in exceedance as a percentage of operating time:	**14.29 %**
Time in compliance as a percentage of operating time:	**85.71 %**

Report Code	Type	Text	Duration	Duration Percent
1	Reason	Startup/shutdown	1	100.00

Sample Spreadsheet Listing

	CT6_NOx_Ppmvdc_1M			CT6_NOx_Ppmvdc_1H			CT6_WaterInj_GPM_1M			CT6_GasFlow_kscfh_1M			CT6_Load_MWe_1M			CT6_Startup_Minutes_1M		
Date/Time	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**
07/20/26 15:00	0			2.7			0.1			-0.1			0			0		
07/20/26 15:01	0						0.3			0			0			0		
07/20/26 15:02	0						0			-0.3			0			0		
07/20/26 15:03	0						0.1			0			0			0		
07/20/26 15:04	0						0.1			-0.1			0			0		
07/20/26 15:05	0						0.3			0			0			0		
07/20/26 15:06	0						0.4			11.4			0			1		
07/20/26 15:07	10.11						1.1			31			0			2		
07/20/26 15:08	24.88						3.1			39.8			0			3		
07/20/26 15:09	25.72						7.3			41.7			0			4		
07/20/26 15:10	25.32						8.1			41.6			0			5		
07/20/26 15:11	25.57						5.9			63			2.6			6		
07/20/26 15:12	34.92						16.3			175.7			16.2			7		
07/20/26 15:13	23.91						27.5			239			23.8			8		
07/20/26 15:14	1.93						27.6			238.4			23.9			9		
07/20/26 15:15	1.16						27.5			237.1			23.9			10		
07/20/26 15:16	1.08						21.1			194.6			16.3			11		
07/20/26 15:17	1.69						5			38.2			0			0		
07/20/26 15:18	2.57						6.1			45.9			1			0		
07/20/26 15:19	11.04						8.8			127.3			10.6			0		
07/20/26 15:20	14.44						20.9			201			19.9			0		
07/20/26 15:21	0.8						27.3			236.3			23.9			0		
07/20/26 15:22	0.89						27			235.7			23.9			0		
07/20/26 15:23	1.38						26.9			235.2			23.9			0		
07/20/26 15:24	2.07						26.7			235			23.9			0		
07/20/26 15:25	2.4						26.6			235			23.9			0		
07/20/26 15:26	2.48						26.6			234.9			23.9			0		
07/20/26 15:27	2.21						26.5			234.8			23.9			0		
07/20/26 15:28	2.04						26.4			234.6			23.9			0		
07/20/26 15:29	2.04						26.3			234.2			23.9			0		
07/20/26 15:30	2.04						26.3			234.7			23.9			0		
07/20/26 15:31	2.15						26.3			234.4			23.9			0		

	CT6_NOx_Ppmvdc_1M			CT6_NOx_Ppmvdc_1H			CT6_WaterInj_GPM_1M			CT6_GasFlow_kscfh_1M			CT6_Load_MWe_1M			CT6_Startup_Minutes_1M		
Date/Time	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**
07/20/26 15:32	2.4						26.3			234.3			23.9			0		
07/20/26 15:33	2.29						26.3			234.3			23.9			0		
07/20/26 15:34	2.19						26.3			234.4			23.9			0		
07/20/26 15:35	2.19						26.3			234.1			23.9			0		
07/20/26 15:36	2.29						26.3			234			23.9			0		
07/20/26 15:37	2.4						26.3			234.3			23.9			0		
07/20/26 15:38	2.29						26.3			234.1			23.9			0		
07/20/26 15:39	2.29						26.3			233.6			23.9			0		
07/20/26 15:40	2.19						26.3			234			23.9			0		
07/20/26 15:41	2.34						26.4			234.2			23.9			0		
07/20/26 15:42	2.29						26.4			234.6			23.9			0		
07/20/26 15:43	2.23						26.5			235			24.1			0		
07/20/26 15:44	2.19						27.5			241.9			24.9			0		
07/20/26 15:45	2.36						27.5			241.4			24.9			0		
07/20/26 15:46	2.62						27.5			241.8			24.9			0		
07/20/26 15:47	2.62						27.5			242.2			24.9			0		
07/20/26 15:48	2.4						27.5			242.1			24.9			0		
07/20/26 15:49	2.34						27.5			242			24.9			0		
07/20/26 15:50	2.29						27.5			241.9			24.9			0		
07/20/26 15:51	2.29						27.4			242.1			24.9			0		
07/20/26 15:52	2.4						27.4			242.2			24.9			0		
07/20/26 15:53	2.4						27.4			241.7			24.9			0		
07/20/26 15:54	2.29						27.4			242			24.9			0		
07/20/26 15:55	2.29						27.4			241.7			24.9			0		
07/20/26 15:56	2.34						27.4			241.7			24.9			0		
07/20/26 15:57	2.34						27.4			241.6			24.9			0		
07/20/26 15:58	2.34						27.4			242			24.9			0		
07/20/26 15:59	2.29						27.4			241.4			24.8			0		
07/20/26 16:00	2.29			2.3			27.4			241.7			24.9			0		

Sample Spreadsheet Listing

	CT6_NOx_1Hr_Ppmvdc_1M			CT6_NOx_Norm_Ppmvdc_1H			CT6_ExhaustFlow_LbPerHr_1M			CT6_GasFlow_kscfh_1M			CT6_Load_MWe_1M			CT6_Startup_Minutes_1M		
Date/Time	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**
07/20/26 15:00	0	X		2.7			0			-0.1			0			0		
07/20/26 15:01	0	X					0			0			0			0		
07/20/26 15:02	0	X					0			-0.3			0			0		
07/20/26 15:03	0	X					0			0			0			0		
07/20/26 15:04	0	X					0			-0.1			0			0		
07/20/26 15:05	0	X					0			0			0			0		
07/20/26 15:06	0	X					0			11.4			0			1		
07/20/26 15:07	0	X					318880.2			31			0			2		
07/20/26 15:08	0	X					249473.4			39.8			0			3		
07/20/26 15:09	0	X					240470.9			41.7			0			4		
07/20/26 15:10	0	X					249920			41.6			0			5		
07/20/26 15:11	0	X					378303.5			63			2.6			6		
07/20/26 15:12	0	X					684712.2			175.7			16.2			7		
07/20/26 15:13	0	X					604709			239			23.8			8		
07/20/26 15:14	0	X					563484.5			238.4			23.9			9		
07/20/26 15:15	0	X					560566			237.1			23.9			10		
07/20/26 15:16	0	X					467658.4			194.6			16.3			11		
07/20/26 15:17	1.7						157288.2			38.2			0			0		
07/20/26 15:18	2						287579.1			45.9			1			0		
07/20/26 15:19	5.2						591944.7			127.3			10.6			0		
07/20/26 15:20	8.4						616823.7			201			19.9			0		
07/20/26 15:21	6.1						577479.3			236.3			23.9			0		
07/20/26 15:22	4.9						566485.2			235.7			23.9			0		
07/20/26 15:23	4.2						565344			235.2			23.9			0		
07/20/26 15:24	3.9						564887.6			235			23.9			0		
07/20/26 15:25	3.7						574461.9			235			23.9			0		
07/20/26 15:26	3.5						594138			234.9			23.9			0		
07/20/26 15:27	3.4						604503			234.8			23.9			0		
07/20/26 15:28	3.3						614996			234.6			23.9			0		
07/20/26 15:29	3.2						614000.1			234.2			23.9			0		
07/20/26 15:30	3.1						615245			234.7			23.9			0		
07/20/26 15:31	3						614498.1			234.4			23.9			0		

	CT6_NOx_1Hr_Ppmvdc_1M			CT6_NOx_Norm_Ppmvdc_1H			T6_ExhaustFlow_LbPerHr_1I			CT6_GasFlow_kscfh_1M			CT6_Load_MWe_1M			CT6_Startup_Minutes_1M		
Date/Time	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**
07/20/26 15:32	3						625624.1			234.3			23.9			0		
07/20/26 15:33	2.9						625624.1			234.3			23.9			0		
07/20/26 15:34	2.9						625877.7			234.4			23.9			0		
07/20/26 15:35	2.8						625116.9			234.1			23.9			0		
07/20/26 15:36	2.8						624863.3			234			23.9			0		
07/20/26 15:37	2.8						625624.1			234.3			23.9			0		
07/20/26 15:38	2.8						625116.9			234.1			23.9			0		
07/20/26 15:39	2.8						623848.9			233.6			23.9			0		
07/20/26 15:40	2.7						624863.3			234			23.9			0		
07/20/26 15:41	2.7						637169.9			234.2			23.9			0		
07/20/26 15:42	2.7						626384.9			234.6			23.9			0		
07/20/26 15:43	2.7						639495.3			235			24.1			0		
07/20/26 15:44	2.7						645911.8			241.9			24.9			0		
07/20/26 15:45	2.6						632923.1			241.4			24.9			0		
07/20/26 15:46	2.6						645658.2			241.8			24.9			0		
07/20/26 15:47	2.6						646672.6			242.2			24.9			0		
07/20/26 15:48	2.6						646419			242.1			24.9			0		
07/20/26 15:49	2.6						658357.2			242			24.9			0		
07/20/26 15:50	2.6						645911.8			241.9			24.9			0		
07/20/26 15:51	2.6						646419			242.1			24.9			0		
07/20/26 15:52	2.6						646672.6			242.2			24.9			0		
07/20/26 15:53	2.6						645404.6			241.7			24.9			0		
07/20/26 15:54	2.6						646165.4			242			24.9			0		
07/20/26 15:55	2.6						645404.6			241.7			24.9			0		
07/20/26 15:56	2.6						657582.1			241.7			24.9			0		
07/20/26 15:57	2.6						657323.7			241.6			24.9			0		
07/20/26 15:58	2.6						658357.2			242			24.9			0		
07/20/26 15:59	2.6						644643.8			241.4			24.8			0		
07/20/26 16:00	2.3			2.3			645404.6			241.7			24.9			0		

				-		2026	012

Year | Non-Compliance Event Number

Placer County

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 - RPEAK**				**Address**	**5120 PHILLIP ROAD, ROSEVILLE, CA.**		
2.	**Title V Source Status**	**Major** Yes ☒ No ☐				**Synthetic Minor** Yes ☐ No ☒			
3.	**For Title V Sources, is the Non-Compliance Event the Result of an Emergency under District Rule 507, Section 402.2(I)**							Yes ☐ No ☒	
4.	**Emission Exceedances**	NOx ☒	SOx ☐	PM ☐	VOC ☐	CO ☐	Opacity ☐	None ☐	check all that apply
5.	**CEMS / COMS / CMS Breakdown**	Yes ☐ No ☒							
6.	**Detection of Non-Compliance Event**	**Date** 8/19/26		**Time** 16:00		☐ AM ☒ PM			
7.	**Start of Non-Compliance Event**	**Date** 8/19/26		**Time** 15:00		☐ AM ☒ PM ☐ Not known			
8.	**Violation**	**Permit No.** REPR-20-03	**Condition No.** 34 b	**Rule**	**Section**				
9.	**Unit / Equipment Involved**	CT5							
10.	**Description / Cause of Non-Compliance Event**	**NOx PPMVDC Exceedance**				☒ additional information attached			
11.	**Immediate Corrective Actions**	**Reduced Load**				☒ additional information attached			
12.	**Was the Non-Compliance Event an Emission Violation or Monitoring Equipment Failure or Malfunction** Yes ☐ No ☐ **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 ☐	No ☐	Not Able to Determine at this Time ☒			If "Yes", complete and submit the Upset / Breakdown Checklist Form with Part I			
13.	**Submitted By**	**Drew Yarbrough**				**Telephone**	**(916) 746 - 1656**		
	Signature			**Date** 8/20/26	**Time** 08:00	☒ AM ☐ 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** 8/19/26	**Time** 16:00	☐ AM ☒ PM		
15.	**Duration of Non-Compliance Event**	**Hours** 1	**Minutes**			
16.	**Excess Emissions Estimates**	NOx 0.2 PPMVDC	SOx	PM		
	VOC	CO	Opacity	%, for	minutes	Other
17.	**Variance in Effect**	Yes ☐ Variance #		No ☒		
18.	**Corrective and Preventative Actions Taken**	(a) **Minimize Emissions**	**(b) Correct Event**	(c) **Prevent Future Events**	☐ 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 ☐	No ☒	If "Yes", complete and submit the Upset / Breakdown Checklist Form if not previously submitted with Part I			
20.	**Submitted By**	DREW YARBROUGH	**Telephone**	(916) 746-1656		

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** 8/25/26 | **Time** 10:00 | ☒ AM ☐ PM

Year

2	0			-			

Non-Compliance Event Number

UPSET / BREAKDOWN AND EMERGENCY CHECKLIST

Company Name		Address	
Detection of Non-Compliance Event	Date	Time	☐ AM ☐ 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		
☐	☐	1.	Equipment associated with the breakdown event have been designed, maintained, and operated in a manner consistent with minimizing emissions.
☐	☐	2.	The amount and duration of emissions as a result of the event have been minimized.
☐	☐	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.
☐	☐	4.	The event is not the result of operator error, negligence, carelessness, or willful misconduct (i.e., the facility is being properly operated).
☐	☐	5.	The event is not the result of improper equipment design.
☐	☐	6.	The event is not the result of improper preventative maintenance of equipment.
☐	☐	7.	The event is the result of a sudden, unavoidable breakdown of equipment, beyond the control of the operator.
☐	☐	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.
☐	☐	9.	The event has not resulted in a nuisance.
☐	☐	10.	The event is not the result of the disregard of air pollution rules or regulations.
☐	☐	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.
☐	☐	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.

CITY OF ROSEVILLE CALIFORNIA

Memorandum

Roseville Electric - Generation

To: Bruce Springsteen, *Manager, Compliance and Enforcement, PCAPCD*
Heather Selvester, *Air Quality Specialist, PCAPCD*

From: Drew Yarbrough, *Power Plant Operations Supervisor*

Date: August 25th, 2026

Subject: Non-Compliance Event Notification #2026-012 PART II

Bruce,

This memo provides supplemental details to the Non-Compliance Event Notification #2026-012.

The event occurred during operation of RPEAK CT5.

Incident Summary:

- **Fuel Flow Start Time:** 14:58 (CEMS Time)
- **CT5 in Startup:** 14:57 – 15:06 (CEMS Time)
- **CT5 Normal Operation:** 15:07 – 15:17 (CEMS Time)
- **CT5 in Shutdown:** 15:18 – 15:26 (CEMS Time)
- **Full Load Achieved (22MW):** 15:04 (CEMS Time)
- **Reduced Load (20MW):** 15:11 (CEMS Time)
- **CT5 Trip:** ~15:17 (CEMS Time)
- **Event:** CT5 dispatched at 22MW, load lowered to 20MW in response to NOx emissions. CT5 tripped on high package temperature.
- **Response:** Operator immediately reduced load upon high NOx readings.

Emissions Impact:

On 8/19/26, CT5 was dispatched at 22MW. It is known that during high ambient temperatures, due to the combustion and emissions tuning on CT5, we cannot operate at the higher end of the load curve without causing an excess emissions event. Because of this, a conscious decision was made to operate CT5 at 22MW versus its normal operating profile of 26-28MW.

Unfortunately, this action was not conservative enough. CT5 operated at 22 MW for 8 minutes before it was apparent that load must be reduced to 20MW. After operating at 20MW for 6 minutes, NOx emissions appeared to be stabilizing, but CT5 ultimately tripped offline due to the loss of the CT package vent fan. Without the package vent fan running, the internal package temperatures reached their trip points, leading to the turbine trip.

Considering CT5 was only in normal operation for 11 minutes, and the seemingly small number of high NOx emissions minutes, caused our hourly average to be 2.7 PPMVDC. It is not uncommon to experience high minute data after a startup, or load change, and it often does not have such a profound effect on the hourly average due to the larger data set provided by a full hour of operation.

Follow-Up Actions:

1) Reinforce the need to operate CT at lower load during high ambient temperatures.

2) Maintenance and Engineering is troubleshooting the Package Vent Fan. Had it not tripped, the Combustion Turbine likely could have reached more normalized emissions, resulting in an hourly average below the permit condition of 2.5 PPMVDC.

Drew Yarbrough



(916) 746-1656
dyarbrough@roseville.ca.us

NOx Ppmvdc 1-Hour Block Excess Emissions

CT5

From: 08/19/2026 00:00 **To:** 08/19/2026 23:59 **Facility Name:** ROSEVILLE ENERGY
Generated: 08/20/2026 05:07 **Location:** Roseville, CA

Tag Name: CT5_NOx_Norm_Ppmvdc_1H
Total Operating Time: 2.00 Hour(s) **No Exclusions Allowed**
Non-Operating Time: 22.00 Hour(s) Report Time: 24.00 Hour(s)

Inc No	Start Time	End Time	Duration in Hour(s)	Tag Value	Limit	Reason Code	Action Code
1	08/19/26 15:00	08/19/26 15:59	1	2.7	2.5	4 - Other known causes	24 - Unit Shutdown To Facilitate Repairs

Total Operating Time:	**2.00 Hour(s)**
Total Duration (Online only):	**1.00 Hour(s)**
Time in exceedance as a percentage of operating time:	**50.00 %**
Time in compliance as a percentage of operating time:	**50.00 %**

Report Code	Type	Text	Duration	Duration Percent
4	Reason	Other known causes	1	100.00
24	Action	Unit Shutdown To Facilitate Repairs	1	100.00

Sample Spreadsheet Listing

	CT5_NOx_Ppmvdc_1M			CT5_Startup_Minutes_1M			CT5_Shutdown_Minutes_1M			CT5_NH3Inj_LbPerHr_1M			CT5_WaterInj_GPM_1M			CT5_Load_MWe_1M		
Date/Time	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**
08/19/26 14:55	0			0			0			0			0			0		
08/19/26 14:56	-0.1			0			0			0			0			0		
08/19/26 14:57	0			1			0			0			0			0		
08/19/26 14:58	0			2			0			0			0			0		
08/19/26 14:59	16.09			3			0			0			0			0		
08/19/26 15:00	27.78			4			0			0			0			0		
08/19/26 15:01	34.04			5			0			0			0			0.3		
08/19/26 15:02	30.07			6			0			0			4.6			9.3		
08/19/26 15:03	40.44			7			0			40.5			13.6			15		
08/19/26 15:04	15.46			8			0			82			23.5			22.1		
08/19/26 15:05	1.55			9			0			84.1			23.5			22.2		
08/19/26 15:06	1.16			10			0			81.6			23.3			22.2		
08/19/26 15:07	1.16			0			0			80.8			23.2			22.2		
08/19/26 15:08	1.48			0			0			80.1			23			22.2		
08/19/26 15:09	2.16			0			0			79			22.9			22.2		
08/19/26 15:10	2.85			0			0			77.5			22.8			22.2		
08/19/26 15:11	3.9			0			0			82.3			22.7			22.2		
08/19/26 15:12	4.59			0			0			86.9			20.9			20.2		
08/19/26 15:13	3.7			0			0			86			20.7			20.2		
08/19/26 15:14	2.36			0			0			75.8			20.6			20.2		
08/19/26 15:15	1.89			0			0			71			20.6			20.2		
08/19/26 15:16	2.36			0			0			73.1			20.5			20.2		
08/19/26 15:17	2.83			0			0			77.8			20.4			20.2		
08/19/26 15:18	2.83			0			1			67.6			5.1			13.1		
08/19/26 15:19	28.71			0			2			27.4			0			2.4		
08/19/26 15:20	31.77			0			3			30			0			2.3		
08/19/26 15:21	27.53			0			4			28.2			0			1.2		
08/19/26 15:22	17.23			0			5			20.3			0			0		
08/19/26 15:23	4.92			0			6			18			0			0		
08/19/26 15:24	6.39			0			7			18.6			0			0		
08/19/26 15:25	7.87			0			8			19			0			0		
08/19/26 15:26	8.11			0			9			17.1			0			0		

REDUCED LOAD

Date/Time	CT5_NOx_Ppmvdc_1M			CT5_Startup_Minutes_1M			CT5_Shutdown_Minutes_1M			CT5_NH3Inj_LbPerHr_1M			CT5_WaterInj_GPM_1M			CT5_Load_MWe_1M		
	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc
08/19/26 15:27	2.7			0			0			4.7			0			0		
08/19/26 15:28	1.5			0			0			0			0			0		
08/19/26 15:29	0.5			0			0			0			0			0		
08/19/26 15:30	0.1			0			0			0			0			0		
08/19/26 15:31	0.1			0			0			0			0			0		
08/19/26 15:32	0			0			0			0			0			0		
08/19/26 15:33	0			0			0			0			0			0		
08/19/26 15:34	0			0			0			0			0			0		
08/19/26 15:35	0			0			0			0			0			0		
08/19/26 15:36	0			0			0			0			0			0		
08/19/26 15:37	0			0			0			0			0			0		
08/19/26 15:38	0			0			0			0			0			0		
08/19/26 15:39	0			0			0			0			0			0		
08/19/26 15:40	0			0			0			0			0			0		
08/19/26 15:41	0			0			0			0			0			0		
08/19/26 15:42	0			0			0			0			0			0		
08/19/26 15:43	0			0			0			0			0			0		
08/19/26 15:44	0			0			0			0			0			0		
08/19/26 15:45	0			0			0			0			0			0		
08/19/26 15:46	0			0			0			0			0			0		
08/19/26 15:47	0			0			0			0			0			0		
08/19/26 15:48	0			0			0			0			0			0		
08/19/26 15:49	0			0			0			0			0			0		
08/19/26 15:50	0			0			0			0			0			0		
08/19/26 15:51	0			0			0			0			0			0		
08/19/26 15:52	0			0			0			0			0			0		
08/19/26 15:53	0			0			0			0			0			0		
08/19/26 15:54	0			0			0			0			0			0		
08/19/26 15:55	0			0			0			0			0			0		
08/19/26 15:56	0			0			0			0			0			0		
08/19/26 15:57	0			0			0			0			0			0		
08/19/26 15:58	0			0			0			0			0			0		
08/19/26 15:59	0			0			0			0			0			0		
08/19/26 16:00	0			0			0			0			0			0		

Sample Spreadsheet Listing

	CT5_NOx_Norm_Ppmvdc_1H			CT5_GasFlow_kscfh_1M			CT5_ExhaustFlow_LbPerHr_1M			CT5_NH3Inj_LbPerHr_1M			CT5_WaterInj_GPM_1M			CT5_Load_MWe_1M		
Date/Time	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**
08/19/26 14:55				0.1			0			0			0			0		
08/19/26 14:56				0.1			0			0			0			0		
08/19/26 14:57				0.1			0			0			0			0		
08/19/26 14:58				23.6			0			0			0			0		
08/19/26 14:59				32.9			215373.1			0			0			0		
08/19/26 15:00	2.7			43.3			259620			0			0			0		
08/19/26 15:01				44			243336.2			0			0			0.3		
08/19/26 15:02				125.5			582668			0			4.6			9.3		
08/19/26 15:03				172.3			516672.4			40.5			13.6			15		
08/19/26 15:04				231.2			573741.6			82			23.5			22.1		
08/19/26 15:05				231.3			545749.3			84.1			23.5			22.2		
08/19/26 15:06				229.7			541932.9			81.6			23.3			22.2		
08/19/26 15:07				228.7			539687.9			80.8			23.2			22.2		
08/19/26 15:08				228			546856.8			80.1			23			22.2		
08/19/26 15:09				227.6			545943.9			79			22.9			22.2		
08/19/26 15:10				227			544574.4			77.5			22.8			22.2		
08/19/26 15:11				226.9			553572.4			82.3			22.7			22.2		
08/19/26 15:12				212.4			566028.7			86.9			20.9			20.2		
08/19/26 15:13				211.4			596639.4			86			20.7			20.2		
08/19/26 15:14				211.2			608024.4			75.8			20.6			20.2		
08/19/26 15:15				211.1			607750.5			71			20.6			20.2		
08/19/26 15:16				210.9			607202.8			73.1			20.5			20.2		
08/19/26 15:17				210.8			606928.9			77.8			20.4			20.2		
08/19/26 15:18				156.1			449445.1			67.6			5.1			13.1		
08/19/26 15:19				62.2			298534.5			27.4			0			2.4		
08/19/26 15:20				62.1			343936.2			30			0			2.3		
08/19/26 15:21				52.6			252430.6			28.2			0			1.2		
08/19/26 15:22				39.5			227324.4			20.3			0			0		
08/19/26 15:23				39.8			238508.1			18			0			0		
08/19/26 15:24				40			239649.3			18.6			0			0		
08/19/26 15:25				40.2			241361			19			0			0		
08/19/26 15:26				25			150066.1			17.1			0			0		

REDUCED LOAD

	CT5_NOx_Norm_Ppmvdc_1H			CT5_GasFlow_kscfh_1M			CT5_ExhaustFlow_LbPerHr_1M			CT5_NH3Inj_LbPerHr_1M			CT5_WaterInj_GPM_1M			CT5_Load_MWe_1M		
Date/Time	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**
08/19/26 15:27				0			0			4.7			0			0		
08/19/26 15:28				0.1			0			0			0			0		
08/19/26 15:29				0.1			0			0			0			0		
08/19/26 15:30				0.1			0			0			0			0		
08/19/26 15:31				0.1			0			0			0			0		
08/19/26 15:32				0.1			0			0			0			0		
08/19/26 15:33				0			0			0			0			0		
08/19/26 15:34				0.1			0			0			0			0		
08/19/26 15:35				0.1			0			0			0			0		
08/19/26 15:36				0.1			0			0			0			0		
08/19/26 15:37				0.1			0			0			0			0		
08/19/26 15:38				0.1			0			0			0			0		
08/19/26 15:39				0.1			0			0			0			0		
08/19/26 15:40				0.1			0			0			0			0		
08/19/26 15:41				0			0			0			0			0		
08/19/26 15:42				0.1			0			0			0			0		
08/19/26 15:43				0.1			0			0			0			0		
08/19/26 15:44				0.1			0			0			0			0		
08/19/26 15:45				0			0			0			0			0		
08/19/26 15:46				0.1			0			0			0			0		
08/19/26 15:47				0.1			0			0			0			0		
08/19/26 15:48				0.1			0			0			0			0		
08/19/26 15:49				0.1			0			0			0			0		
08/19/26 15:50				0			0			0			0			0		
08/19/26 15:51				0			0			0			0			0		
08/19/26 15:52				0.1			0			0			0			0		
08/19/26 15:53				0.1			0			0			0			0		
08/19/26 15:54				0			0			0			0			0		
08/19/26 15:55				0.1			0			0			0			0		
08/19/26 15:56				0.1			0			0			0			0		
08/19/26 15:57				0.1			0			0			0			0		
08/19/26 15:58				0.1			0			0			0			0		
08/19/26 15:59				0.1			0			0			0			0		
08/19/26 16:00	0	X		0			0			0			0			0		

				-		2026	013

Year Non-Compliance Event Number

Placer County

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 - RPEAK**			**Address**	**5120 PHILLIP ROAD, ROSEVILLE, CA.**			
2.	**Title V Source Status**	**Major** Yes ☒ No ☐			**Synthetic Minor** Yes ☐ No ☒				
3.	**For Title V Sources, is the Non-Compliance Event the Result of an Emergency under District Rule 507, Section 402.2(I)**							Yes ☐	No ☒
4.	**Emission Exceedances**	NOx ☐	SOx ☐	PM ☐	VOC ☐	CO ☐	Opacity ☐	None ☒	check all that apply
5.	**CEMS / COMS / CMS Breakdown**	Yes ☐ No ☒							
6.	**Detection of Non-Compliance Event**	**Date** 9/9/26			**Time** 14:00			☐ AM ☒ PM	
7.	**Start of Non-Compliance Event**	**Date** 9/9/26			**Time** 13:00			☐ AM ☒ PM ☐ Not known	
8.	**Violation**	**Permit No.** REPR-20-03	**Condition No.** 43	**Rule**	**Section**				
9.	**Unit / Equipment Involved**	CT5							
10.	**Description / Cause of Non-Compliance Event**	**NH3 Slip**			☒ additional information attached				
11.	**Immediate Corrective Actions**	**Raised NOx Setpoint to reduce NH3 injection**			☐ additional information attached				
12.	**Was the Non-Compliance Event an Emission Violation or Monitoring Equipment Failure or Malfunction** Yes ☐ No ☐ **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 ☐	No ☐	Not Able to Determine at this Time ☒		If "Yes", complete and submit the Upset / Breakdown Checklist Form with Part I				
13.	**Submitted By**	**Drew Yarbrough**			**Telephone**	**(916) 746 - 1656**			
	Signature				**Date** 9/9/26	**Time** 15:00		☐ AM ☒ 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** 9/9/26	**Time** 14:00	☐ AM ☒ PM		
15.	**Duration of Non-Compliance Event**	**Hours** 1	**Minutes**			
16.	**Excess Emissions Estimates**	NOx	SOx	PM		
	VOC	CO	Opacity	%, for	minutes	Other 0.2 PPMVDC NH_3
17.	**Variance in Effect**	Yes ☐ Variance #		No ☒		
18.	**Corrective and Preventative Actions Taken** (a) **Minimize Emissions** (b) **Correct Event** (c) **Prevent Future Events** ☐ 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 ☐	No ☒	If "Yes", complete and submit the Upset / Breakdown Checklist Form if not previously submitted with Part I			
20.	**Submitted By** DREW YARBROUGH		**Telephone** (916)746-1656			
	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** 9/16/26	**Time** 14:00	☐ AM ☒ PM	

Year
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Non-Compliance Event Number

UPSET / BREAKDOWN AND EMERGENCY CHECKLIST

Company Name		Address	
Detection of Non-Compliance Event	Date	Time	☐ AM ☐ 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		
☐	☐	1.	Equipment associated with the breakdown event have been designed, maintained, and operated in a manner consistent with minimizing emissions.
☐	☐	2.	The amount and duration of emissions as a result of the event have been minimized.
☐	☐	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.
☐	☐	4.	The event is not the result of operator error, negligence, carelessness, or willful misconduct (i.e., the facility is being properly operated).
☐	☐	5.	The event is not the result of improper equipment design.
☐	☐	6.	The event is not the result of improper preventative maintenance of equipment.
☐	☐	7.	The event is the result of a sudden, unavoidable breakdown of equipment, beyond the control of the operator.
☐	☐	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.
☐	☐	9.	The event has not resulted in a nuisance.
☐	☐	10.	The event is not the result of the disregard of air pollution rules or regulations.
☐	☐	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.
☐	☐	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.

CITY OF ROSEVILLE CALIFORNIA

Memorandum

Roseville Electric - Generation

To: Bruce Springsteen, *Manager, Compliance and Enforcement, PCAPCD*
Heather Selvester, *Air Quality Specialist, PCAPCD*

From: Drew Yarbrough, *Power Plant Operations Supervisor*

Date: September 16th, 2026

Subject: Non-Compliance Event Notification #2026-013 PART II

Bruce,

This memo provides supplemental details to the Non-Compliance Event Notification #2026-013.

The event occurred during a two-unit run on RPEAK CT5 and CT6.

Incident Summary:

- **Hour of Exceedance:** 13:00-13:59 (CEMS Time)
- **Event:** CT5 experienced high NH3 slip during the hour of an online calibration.
- **Response:** Reduced CT load and raised NOx setpoint to lower ammonia injection rate.

Emissions Impact:

On 9/9/26, CT5 and CT6 were dispatched for operation during a high ambient temperature day. Both Combustion Turbines were started at a reduced load to account for the high ambient temperatures. Once CT5 was stable, an online calibration of the CEMS was initiated at 13:01 (CEMS Time). When CT5 completed the online calibration at 13:25 (CEMS Time), NH3 slip was elevated, at 10.5 PPM. To prevent overcorrecting, the operator monitored the NH3 slip, then reduced CT load from 17MW to 16MW in an attempt to lower the NOx emissions, thus lowering NH3 injection. This correction appeared to initially lower the NH3 slip, but to ensure its effectiveness, the Operator determined that the NOx setpoint of 2.2 PPM in our Ammonia Flow Control System could be raised to 2.3 PPM, reducing NH3 injection while not raising NOX enough to cause a NOx excess emissions event. Unfortunately, the operator intervention was not adequate to compensate for the high slip upon completion of the CEMS calibration. The CEMS was in Calibration for 25 minutes of the hour, lowering the overall sample size, leaving less time to correct the issue. The unit was kept online after ensuring the NH3 slip was under control by keeping CT load at 16MW, and the NOx setpoint at 2.3 PPM.

Follow-Up Actions:

1) We are still in the process of investigating the causes and remedial efforts needed to correct the NH3 injection and NOx relationship.

Drew Yarbrough

(916) 746-1656

dyarbrough@roseville.ca.us

NH3 Slip Ppmvdc 1-Hour Block Excess Emissions

CT5

From: 09/09/2026 00:00 **To:** 09/09/2026 14:11 **Facility Name:** ROSEVILLE ENERGY
Generated: 09/09/2026 14:12 **Location:** Roseville, CA

Tag Name: CT5_NH3Slip_Ppmvdc_1H
Total Operating Time: 3.00 Hour(s) **No Exclusions Allowed**
Non-Operating Time: 12.00 Hour(s) Report Time: 15.00 Hour(s)

Inc No	Start Time	End Time	Duration in Hour(s)	Tag Value	Limit	Reason Code	Action Code
1	09/09/26 13:00	09/09/26 13:59	1	10.2	10.0		

Total Operating Time:	**3.00 Hour(s)**
Total Duration (Online only):	**1.00 Hour(s)**
Time in exceedance as a percentage of operating time:	**33.33 %**
Time in compliance as a percentage of operating time:	**66.67 %**

Sample Spreadsheet Listing

	CT5_NH3Slip_Ppmvdc_1M			CT5_NH3Slip_Ppmvdc_1H			CT5_NOx_Ppmvdc_1M			CT5_ExhaustFlow_LbPerHr_1M			CT5_GasFlow_100scfh_1M			CT5_Load_MWe_1M		
Date/Time	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**
09/09/26 13:00	10.1			10.2			2.34			545487.4			1824			17.2		
09/09/26 13:01	8.1	X					2.68	X		596010.8	X		1827			17.2		
09/09/26 13:02	0	X					1.7	X		0	X		1825			17.2		
09/09/26 13:03	0	X					0.9	X		0	X		1823			17.2		
09/09/26 13:04	0	X					0	X		0	X		1825			17.2		
09/09/26 13:05	0	X					0	X		0	X		1825			17.2		
09/09/26 13:06	17.3	X					0.63	X		396925.6	X		1825			17.2		
09/09/26 13:07	68.3	X					2.65	X		125344.9	X		1825			17.2		
09/09/26 13:08	68.4	X					2.71	X		125213.9	X		1823			17.2		
09/09/26 13:09	68.3	X					2.71	X		125279.4	X		1824			17.2		
09/09/26 13:10	68.5	X					2.74	X		125082.8	X		1822			17.2		
09/09/26 13:11	68.1	X					2.75	X		125684.2	X		1822			17.2		
09/09/26 13:12	91.1	X					101.12	X		125279.4	X		1824			17.2		
09/09/26 13:13	99.7	X					138.13	X		125213.9	X		1823			17.2		
09/09/26 13:14	99.7	X					138.33	X		125279.4	X		1824			17.2		
09/09/26 13:15	99.7	X					138.49	X		125279.4	X		1824			17.2		
09/09/26 13:16	98.6	X					133.8	X		125947.5	X		1825			17.2		
09/09/26 13:17	73.4	X					24.67	X		125279.4	X		1824			17.2		
09/09/26 13:18	67.8	X					0.31	X		125279.4	X		1824			17.2		
09/09/26 13:19	67.8	X					0.25	X		125213.9	X		1823			17.2		
09/09/26 13:20	67.8	X					0.17	X		125213.9	X		1823			17.2		
09/09/26 13:21	39.3	X					0.19	X		207804.7	X		1824			17.2		
09/09/26 13:22	8.2	X					0.92	X		581548.9	X		1823			17.2		
09/09/26 13:23	9.9	X					1.84	X		545202.1	X		1823			17.2		
09/09/26 13:24	10	X					2.46	X		544631.5	X		1822			17.2		
09/09/26 13:25	10	X					2.46	X		544346.2	X		1821			17.2		
09/09/26 13:26	10.5						2.46			545202.1			1823			17.2		
09/09/26 13:27	10.6						2.46			545202.1			1823			17.2		
09/09/26 13:28	10.6						2.34			545487.4			1824			17.2		
09/09/26 13:29	10.6						2.34			545487.4			1824			17.2		
09/09/26 13:30	10.6						2.34			545487.4			1824			17.2		
09/09/26 13:31	10.5						2.34			545772.7			1825			17.2		

	CT5_NH3Slip_Ppmvdc_1M			CT5_NH3Slip_Ppmvdc_1H			CT5_NOx_Ppmvdc_1M			CT5_ExhaustFlow_LbPerHr_1M			CT5_GasFlow_100scfh_1M			CT5_Load_MWe_1M		
Date/Time	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**
09/09/26 13:32	10.6						2.34			545487.4			1824			17.2		
09/09/26 13:33	10.6						2.21			545487.4			1824			17.2		
09/09/26 13:34	10.6						2.21			545772.7			1825			17.2		
09/09/26 13:35	10.6						2.21			545487.4			1824			17.2		
09/09/26 13:36	10.6						2.21			546058			1826			17.2		
09/09/26 13:37	10.8						2.21			530366.7			1774			16.6		
09/09/26 13:38	10.3						2.13			532035.9			1742			16.2		
09/09/26 13:39	9.8						2.18			543601.9			1742			16.2		
09/09/26 13:40	10.2						2.01			532327.3			1743			16.2		
09/09/26 13:41	9.8						1.88			532035.9			1742			16.2		
09/09/26 13:42	9.7						2.01			532327.3			1743			16.2		
09/09/26 13:43	9.8						2.13			531744.6			1741			16.2		
09/09/26 13:44	9.8						2.26			531744.6			1741			16.2		
09/09/26 13:45	9.8						2.26			531453.2			1740			16.2		
09/09/26 13:46	9.8						2.26			531744.6			1741			16.2		
09/09/26 13:47	9.8						2.26			531744.6			1741			16.2		
09/09/26 13:48	11.4	X					2.26			532035.9			1742			16.2		
09/09/26 13:49	10.1	X					2.26			531744.6			1741			16.2		
09/09/26 13:50	10	X					2.26			531744.6			1741			16.2		
09/09/26 13:51	9.8	X					2.13			531744.6			1741			16.2		
09/09/26 13:52	9.7						2.13			532035.9			1742			16.2		
09/09/26 13:53	9.7						2.26			532327.3			1743			16.2		
09/09/26 13:54	9.7						2.26			531744.6			1741			16.2		
09/09/26 13:55	9.7						2.26			532327.3			1743			16.2		
09/09/26 13:56	9.7						2.26			532327.3			1743			16.2		
09/09/26 13:57	10.1						2.26			532035.9			1742			16.2		
09/09/26 13:58	10.1						2.26			532035.9			1742			16.2		
09/09/26 13:59	10.2						2.26			532327.3			1743			16.2		
09/09/26 14:00	10			0	X		2.13			532910			1745			16.2		

Sample Spreadsheet Listing

	CT5_NH3Slip_Ppmvdc_1M			CT5_NH3Slip_Ppmvdc_1H			CT5_NOx_Ppmvdc_1M			CT5_WaterInj_GPM_1M			CT5_NH3Inj_LbPerHr_1M			CT5_Load_MWe_1M		
Date/Time	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**
09/09/26 13:00	10.1			10.2			2.34			16.1			76.5			17.2		
09/09/26 13:01	8.1	X					2.68	X		16.1			76			17.2		
09/09/26 13:02	0	X					1.7	X		16.1			76			17.2		
09/09/26 13:03	0	X					0.9	X		16.1			76			17.2		
09/09/26 13:04	0	X					0	X		16.1			76			17.2		
09/09/26 13:05	0	X					0	X		16.1			76			17.2		
09/09/26 13:06	17.3	X					0.63	X		16.1			76			17.2		
09/09/26 13:07	68.3	X					2.65	X		16.1			76			17.2		
09/09/26 13:08	68.4	X					2.71	X		16.2			76			17.2		
09/09/26 13:09	68.3	X					2.71	X		16			76			17.2		
09/09/26 13:10	68.5	X					2.74	X		16.1			76			17.2		
09/09/26 13:11	68.1	X					2.75	X		16.1			76			17.2		
09/09/26 13:12	91.1	X					101.12	X		16			76			17.2		
09/09/26 13:13	99.7	X					138.13	X		16.1			76			17.2		
09/09/26 13:14	99.7	X					138.33	X		16.1			76			17.2		
09/09/26 13:15	99.7	X					138.49	X		16.1			76			17.2		
09/09/26 13:16	98.6	X					133.8	X		16.1			76.1			17.2		
09/09/26 13:17	73.4	X					24.67	X		16.1			76			17.2		
09/09/26 13:18	67.8	X					0.31	X		16.1			76			17.2		
09/09/26 13:19	67.8	X					0.25	X		16.1			76			17.2		
09/09/26 13:20	67.8	X					0.17	X		16.1			76			17.2		
09/09/26 13:21	39.3	X					0.19	X		16.1			76			17.2		
09/09/26 13:22	8.2	X					0.92	X		16.1			76			17.2		
09/09/26 13:23	9.9	X					1.84	X		16.2			76			17.2		
09/09/26 13:24	10	X					2.46	X		16.1			76			17.2		
09/09/26 13:25	10	X					2.46	X		16			76			17.2		
09/09/26 13:26	10.5						2.46			16			78.5			17.2		
09/09/26 13:27	10.6						2.46			16			79			17.2		
09/09/26 13:28	10.6						2.34			16			79			17.2		
09/09/26 13:29	10.6						2.34			16.1			79			17.2		
09/09/26 13:30	10.6						2.34			16.1			79			17.2		
09/09/26 13:31	10.5						2.34			16.1			79			17.2		

	CT5_NH3Slip_Ppmvdc_1M			CT5_NH3Slip_Ppmvdc_1H			CT5_NOx_Ppmvdc_1M			CT5_WaterInj_GPM_1M			CT5_NH3Inj_LbPerHr_1M			CT5_Load_MWe_1M		
Date/Time	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**
09/09/26 13:32	10.6						2.34			16.2			79			17.2		
09/09/26 13:33	10.6						2.21			16.1			79			17.2		
09/09/26 13:34	10.6						2.21			16.1			79			17.2		
09/09/26 13:35	10.6						2.21			16			79			17.2		
09/09/26 13:36	10.6						2.21			16.1			79			17.2		
09/09/26 13:37	10.8						2.21			15.3			77.5			16.6		
09/09/26 13:38	10.3						2.13			14.7			76.1			16.2		
09/09/26 13:39	9.8						2.18			14.7			76			16.2		
09/09/26 13:40	10.2						2.01			14.7			75.6			16.2		
09/09/26 13:41	9.8						1.88			14.9			74			16.2		
09/09/26 13:42	9.7						2.01			14.8			74			16.2		
09/09/26 13:43	9.8						2.13			14.8			74			16.2		
09/09/26 13:44	9.8						2.26			14.8			74			16.2		
09/09/26 13:45	9.8						2.26			14.7			74			16.2		
09/09/26 13:46	9.8						2.26			14.8			74			16.2		
09/09/26 13:47	9.8						2.26			14.7			74			16.2		
09/09/26 13:48	11.4	X					2.26			14.9			75.5			16.2		
09/09/26 13:49	10.1	X					2.26			14.9			75.3			16.2		
09/09/26 13:50	10	X					2.26			14.7			75.5			16.2		
09/09/26 13:51	9.8	X					2.13			14.8			74.8			16.2		
09/09/26 13:52	9.7						2.13			14.8			74.1			16.2		
09/09/26 13:53	9.7						2.26			14.7			74			16.2		
09/09/26 13:54	9.7						2.26			14.7			74			16.2		
09/09/26 13:55	9.7						2.26			14.7			74			16.2		
09/09/26 13:56	9.7						2.26			14.7			74			16.2		
09/09/26 13:57	10.1						2.26			14.7			75.9			16.2		
09/09/26 13:58	10.1						2.26			14.8			76			16.2		
09/09/26 13:59	10.2						2.26			14.9			76.1			16.2		
09/09/26 14:00	10			0	X		2.13			14.7			76			16.2		