

DOCKETED	
Docket Number:	21-TPG-01
Project Title:	Roseville Energy Park Temporary Power Generators
TN #:	266951
Document Title:	RPEAK (REPR-20-03 AND 04) Quarterly CEMS Report - Third Quarter 2025 - Part 7s
Description:	N/A
Filer:	Roseville Electric Compliance
Organization:	Roseville Electric
Submitter Role:	Public Agency
Submission Date:	10/30/2025 5:01:38 PM
Docketed Date:	10/31/2025

NCE 2025-22

CT6_ExhaustFlow_LbPerHr_1M			CT6_GasFlow_100scfh_1M			CT6_CO_LbPerHr_1M			CT6_CO_Ppmvdc_1M			CT6_NOx_1Hr_Ppmvdc_1M			CT6_Load_MWe_1M		
Date/Time	Value	SI Modc	Value	SI Modc		Value	SI Modc		Value	SI Modc		Value	SI Modc		Value	SI Modc	
09/02/25 9:32	696205.6		2696			2.28			3.6			1.2			27.8		
09/02/25 9:33	696450.1		2697			2.28			3.6			1.2			27.8		
09/02/25 9:34	695961		2695			1.88			3			1.2			27.8		
09/02/25 9:35	707867.9		2692			1.3			2			1.3			27.8		
09/02/25 9:36	708863.9		2696			0.82			1.3			1.3			27.8		
09/02/25 9:37	695716.5		2694			0.74			1.2			1.3			27.8		
09/02/25 9:38	695961		2695			0.74			1.2			1.3			27.8		
09/02/25 9:39	695961		2695			0.74			1.2			1.3			27.8		
09/02/25 9:40	696450.1		2697			0.74			1.2			1.3			27.8		
09/02/25 9:41	696205.6		2696			0.74			1.2			1.3			27.8		
09/02/25 9:42	695961		2695			0.67			1.1			1.3			27.8		
09/02/25 9:43	696694.7		2698			0.67			1.1			1.4			27.8		
09/02/25 9:44	695716.5		2694			0.67			1.1			1.4			27.8		
09/02/25 9:45	696205.6		2696			0.67			1.1			1.4			27.8		
09/02/25 9:46	950246.9	X	2694			2.66	X		4.2	X		1.4			27.8		
09/02/25 9:47	0	X	2695			0	X		16.6	X		1.4			27.8		
09/02/25 9:48	0	X	2694			0	X		18.1	X		1.4			27.8		
09/02/25 9:49	0	X	2693			0	X		18.2	X		1.4			27.8		
09/02/25 9:50	0	X	2695			0	X		18.1	X		1.4			27.8		
09/02/25 9:51	749496.5	X	2695			11.93	X		18.7	X		1.4			27.8		
09/02/25 9:52	186215.5	X	2691			0.34	X		0.5	X		1.4			27.8		
09/02/25 9:53	186215.5	X	2691			0.02	X		0	X		1.4			27.8		
09/02/25 9:54	186281	X	2692			0.02	X		0	X		1.4			27.8		
09/02/25 9:55	186477.6	X	2695			0	X		0	X		1.4			27.8		
09/02/25 9:56	186543.1	X	2696			0	X		0	X		1.4			27.8		
09/02/25 9:57	186608.6	X	2697			0	X		0	X		1.4			27.8		
09/02/25 9:58	186870.7	X	2701			0	X		0	X		1.4			27.8		
09/02/25 9:59	186936.3	X	2702			0.02	X		0	X		1.4			27.8		
09/02/25 10:00	187067.3	X	2704			0.02	X		0	X		0	X		27.8		
09/02/25 10:01	187067.3	X	2704			22.35	X		35	X		0	X		27.8		
09/02/25 10:02	187067.3	X	2704			194.46	X		304.3	X		0	X		27.8		
09/02/25 10:03	187132.8	X	2705			196.83	X		307.9	X		0	X		27.8		
09/02/25 10:04	187329.4	X	2707			197.04	X		307.9	X		0	X		27.8		
09/02/25 10:05	186281	X	2692			195.94	X		307.9	X		0	X		27.6		
09/02/25 10:06	284231.6	X	2653			272.72	X		434.8	X		0	X		27.2		

NCE 2025-22

CT6_ExhaustFlow_LbPerHr_1M			CT6_GasFlow_100scfh_1M			CT6_CO_LbPerHr_1M			CT6_CO_Ppmvdc_1M			CT6_NOx_1Hr_Ppmvdc_1M			CT6_Load_MWe_1M		
Date/Time	Value	SI Modc	Value	SI Modc		Value	SI Modc		Value	SI Modc		Value	SI Modc		Value	SI Modc	
09/02/25 10:07	748706.4	X	2692			60.87	X		95.6	X		0	X		27.8		
09/02/25 10:08	708365.9	X	2694			3.83	X		6	X		0	X		27.8		
09/02/25 10:09	722498.2	X	2698			3.62	X		5.7	X		0	X		27.8		
09/02/25 10:10	721483.8	X	2694			3.48	X		5.5	X		0	X		27.8		
09/02/25 10:11	720723		2691			3.27			5.1			2.2			27.8		
09/02/25 10:12	721483.8		2694			3.27			5.1			2.2			27.8		
09/02/25 10:13	720723		2691			3.2			5			2.2			27.8		
09/02/25 10:14	708365.9		2694			3.01			4.7			2.2			27.8		
09/02/25 10:15	716919		2677			2.97			4.7			2.2			27.6		
09/02/25 10:16	718440.6		2683			3.26			5.1			2.2			27.7		
09/02/25 10:17	716665.4		2676			3.39			5.4			2.2			27.6		
09/02/25 10:18	720976.6		2692			3.27			5.1			2.2			27.8		
09/02/25 10:19	720723		2691			2.43			3.8			2.2			27.8		
09/02/25 10:20	670257.2		2503			1.36			2.3			2.2			25.2		
09/02/25 10:21	494134		1640			0.62			1.6			2.2			14.4		
09/02/25 10:22	219890.4		532			0.3			2.4			2.2			1.2		
09/02/25 10:23	257078.3		391			0.47			5.1			2.2			0		
09/02/25 10:24	247687.2		394			0.67			7.2			2.2			0		
09/02/25 10:25	253641.2		403			0.88			9.2			2.2			0		
09/02/25 10:26	251855		401			0.95			10			2.2			0		
09/02/25 10:27	157781.5		251			0.58			9.7			2.2			0		
09/02/25 10:28	0		0			0			0			2.2			0		
09/02/25 10:29	0		-7			0			0			2.2			0		
09/02/25 10:30	0		-1			0			0			2.2			0		

NCE 2025-022

Add	Event Time ▾	AREA	SYSTEM	EQUIPMENT	EVENT	Message	User Name
	09-02-2025 14:09	RPEAK	RPEAK CT6	COMBUSTION TURBINE	CTG - BREAKER CLOSED	PER ADS DISPATCH	Olsen, Eric
	09-02-2025 12:26	RPEAK	RPEAK CT6	COMBUSTION TURBINE		STOP CT6 CRANK	Olsen, Eric
	09-02-2025 12:20	RPEAK	RPEAK CT6	CEMS		CT6 CO2 PPMVDC & CO2 LBHR EXCESS EMISSIONS FOR HR 10-11 DUE TO TURBINE PACKAGE FUEL GAS LEAK. WE SUSPECT IT IS MIGRATING TO EXHAUST INLET CAUSING INCREASED CEMS CO READINGS. SHUT UNIT DOWN @ 11:22 TO PERFORM REPAIRS.	Olsen, Eric
	09-02-2025 12:00	RPEAK	RPEAK CT6	COMBUSTION TURBINE		CRANK CT6 TO COOL TURBINE PACKAGE	Olsen, Eric
	09-02-2025 11:34	RPEAK	RPEAK CT6	CEMS	VERIFY	S/D BIT OFF	Olsen, Eric
	09-02-2025 11:26	RPEAK	RPEAK CT6	COMBUSTION TURBINE	FLAME OFF		Olsen, Eric
	09-02-2025 11:22	RPEAK	RPEAK CT6	CEMS	VERIFY	S/D BIT IN	Olsen, Eric
	09-02-2025 11:21	RPEAK	RPEAK CT6	COMBUSTION TURBINE	CTG - BREAKER OPEN	REPAIR FUEL GAS LEAK	Olsen, Eric
	09-02-2025 11:19	RPEAK	RPEAK CT6	COMBUSTION TURBINE	CTG - STOP INITIATE	REPAIR TURBINE PACKAGE FUEL GAS LEAK	Olsen, Eric
	09-02-2025 10:45	RPEAK	RPEAK CT6	CEMS	CALIBRATION	CT6 MAN CAL INITIATED	Olsen, Eric
	09-02-2025 10:22	RPEAK	RPEAK CT6	CEMS	VERIFY	S/U BIT CLEAR	Olsen, Eric
	09-02-2025 10:14	RPEAK	RPEAK CT6	COMBUSTION TURBINE	CTG - BREAKER CLOSED	PER ADS DISPATCH	Olsen, Eric
	09-02-2025 10:10	RPEAK	RPEAK CT6	CEMS	VERIFY	S/U BIT IN	Olsen, Eric
	09-02-2025 10:09	RPEAK	RPEAK CT6	COMBUSTION TURBINE	FLAME ON		Olsen, Eric
	09-02-2025 10:03	RPEAK	RPEAK CT6	COMBUSTION TURBINE	CTG - START INITIATE	PER ADS DISPATCH	Olsen, Eric



| | | - | | 2 0 2 5 0 2 3

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 - 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	9/3/25	Time	1425	☐ AM ☒ PM				
7. Start of Non-Compliance Event	Date	9/3/25	Time	1400	☐ AM ☒ PM ☐ Not known				
8. Violation	Permit No. REPR-20-03	Condition No. 34 b iii	Rule	Section					
9. Unit / Equipment Involved	CT6								
10. Description / Cause of Non-Compliance Event	Bad temperature probe							☒ additional information attached	
11. Immediate Corrective Actions	Shut down unit changed temperature probe							☒ 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	Eddie Vasquez			Telephone	(916) 746 - 1683				
Signature				Date	9/4/25	Time	0800	☒ 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	9/3/25	Time	1459	☐ AM ☒ PM			
15. Duration of Non-Compliance Event	Hours	1	Minutes	0				
16. Excess Emissions Estimates	NOx	4.2 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	NATHAN ZIBOLDY			Telephone	(916) 746 - 1673			
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	9/4/25	Time	1345	☐ AM ☒ PM

UPSET / BREAKDOWN AND EMERGENCY CHECKLIST

Non-Compliance
Event Number

Company Name <u>ROSEVILLE ENERGY PARK - RPEAK</u>	Address <u>5120 PHILLIP RD ROSEVILLE CA 95747</u>		
Detection of Non-Compliance Event	Date <u>9/3/25</u>	Time <u>1425</u>	☐ 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  RICHARD W. ATMAN 9/9/25

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.

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

From: Nathan Ribordy, *Power Generation Superintendent*

Date: September 9, 2025

Subject: Non-Compliance Event Notification 2025-023 PART II

This memo provides supplemental details to the Non-Compliance Event Notification #2025-023 submitted on September 4, 2025 regarding an incident involving RPEAK Combustion Turbine #6 (CT6). All times are given relative to the time as recorded by the CEMS.

Incident Summary:

- **Fuel Flow Start:** 13:22
- **Full Load Achieved:** 13:28
- **Fuel Flow Stop:** 14:32
- **Event:** NOx ppmvdc 1-hr exceedance at 4.2ppmvdc.
- **Response:** Engine was shut down and temperature probe removed from service.

Findings:

CT6 was dispatched for operation and was at full load at 13:28. At approximately 14:08 the engine load started to swing erratically. The initial change in load was not noticed until a few minutes later. Preliminary troubleshooting commenced and technicians tried to locate the source. At approximately 14:23 it was discovered the engine had a failed temperature probe, that erroneously put the engine in a control mode to reduce compressor discharge temperatures. A record given in local time of the failed probe ("CT6 TE-8038C") is shown in Figure 1, below.

	CT6 TE-8038A (T3A): GG COMPRESSOR DISCHARGE TEMP	CT6 TE-8038C (T3C): GG COMPRESSOR DISCHARGE TEMP	CT6 TE-8038D (T3D): GG COMPRESSOR DISCHARGE TEMP	CT6 T3SEI
9/3/25 15:00	940.88	965.23	943.30	965.43
9/3/25 15:01	939.58	965.80	941.80	965.99
9/3/25 15:02	939.69	965.44	942.70	966.08
9/3/25 15:03	943.25	967.11	946.25	966.64
9/3/25 15:04	944.60	965.52	946.95	961.55
9/3/25 15:05	947.03	964.39	949.18	952.33
9/3/25 15:06	946.91	968.04	950.09	962.20
9/3/25 15:07	942.09	966.90	943.18	966.42
9/3/25 15:08	932.16	967.26	932.62	965.91
9/3/25 15:09	913.97	967.93	914.93	964.84
9/3/25 15:10	891.25	971.22	888.46	976.67
9/3/25 15:11	889.06	966.06	885.59	967.55
9/3/25 15:12	889.66	953.29	887.54	952.72
9/3/25 15:13	881.43	965.11	879.05	968.23
9/3/25 15:14	855.49	950.76	853.38	950.95
9/3/25 15:15	862.95	977.95	862.39	973.03
9/3/25 15:16	849.81	965.34	848.69	956.75
9/3/25 15:17	857.43	972.02	858.08	965.80
9/3/25 15:18	857.06	962.25	854.73	976.00
9/3/25 15:19	866.79	968.39	865.02	967.27
9/3/25 15:20	847.20	1018.23	843.72	1008.35
9/3/25 15:21	739.38	960.04	733.10	958.48
9/3/25 15:22	748.54	967.15	745.86	967.94
9/3/25 15:23	751.89	965.80	748.94	975.83
9/3/25 15:24	726.94	957.73	723.09	961.58
9/3/25 15:25	701.59	954.59	698.88	952.03
9/3/25 15:26	702.92	964.24	698.73	968.02
9/3/25 15:27	665.52	969.63	660.05	965.48
9/3/25 15:28	524.79	836.50	522.14	840.47
9/3/25 15:29	522.31	865.14	518.88	869.50
9/3/25 15:30	521.73	873.55	518.02	879.58
9/3/25 15:31	487.70	988.64	484.85	1043.56
9/3/25 15:32	521.97	849.72	518.35	851.09
9/3/25 15:33	181.21	607.87	192.60	609.93
9/3/25 15:34	168.99	676.36	188.01	673.59
9/3/25 15:35	156.76	629.96	179.39	617.81
9/3/25 15:36	141.60	830.44	146.06	812.40
9/3/25 15:37	137.12	1093.15	139.45	544.20
9/3/25 15:38	135.22	920.67	136.30	135.40
9/3/25 15:39	134.66	1197.60	135.02	134.50
9/3/25 15:40	133.87	904.10	133.65	133.35
9/3/25 15:41	133.00	876.19	132.47	132.33
9/3/25 15:42	133.07	855.55	132.30	132.38
9/3/25 15:43	132.77	1239.81	131.72	131.99
9/3/25 15:44	132.55	710.43	131.53	131.86
9/3/25 15:45	132.27	-454.00	131.22	131.54
9/3/25 15:46	131.96	-454.00	130.95	131.34
9/3/25 15:47	132.25	-454.00	131.19	131.65
9/3/25 15:48	131.93	-454.00	130.78	131.29
9/3/25 15:49	131.69	-454.00	130.84	131.34
9/3/25 15:50	131.82	-454.00	131.11	131.45
9/3/25 15:51	110.92	-454.00	111.79	111.39
9/3/25 15:52	107.73	-454.00	109.79	108.65
9/3/25 15:53	106.95	-454.00	109.87	108.13
9/3/25 15:54	106.82	-454.00	109.95	107.96
9/3/25 15:55	106.92	-454.00	110.02	108.14

Figure 1

The engine is designed with redundant spares. Typically, when a single probe goes “bad quality” it is removed from the “CT6 Sel” calculation automatically and can be repaired at the next available opportunity. Due to the mode of failure the control system did not identify the failed probe, and the erroneously high value was used for engine control. The controller’s attempt at reducing temperatures resulted in reducing and erratic engine load as recorded between 14:08 and 14:25. The engine was shutdown at approximately 14:26, with high NOx values being recorded in the minutes prior to and during the shutdown.

Follow-Up Actions:

The failed temperature probe was physically removed from service and will be replaced at the next available opportunity.

Respectfully,

A handwritten signature in blue ink, appearing to read 'Nathan Ribordy', with a long horizontal flourish extending to the right.

Nathan Ribordy, P.E.
(916) 746-1673
nribordy@roseville.ca.us

NOx Ppmvdc 1-Hour Block Excess Emissions

CT6

From: 09/03/2025 00:00 To: 09/03/2025 23:59 Facility Name: ROSEVILLE ENERGY

Generated: 09/04/2025 06:53 Location: Roseville, CA



Tag Name: CT6_NOx_Norm_Ppmvdc_1H

Total Operating Time: 4.00 Hour(s)

No Exclusions Allowed

Non-Operating Time: 20.00 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	09/03/25 14:00	09/03/25 14:59	1	4.2	2.5	24 - Shut Unit Down To Faulty Sensor	24 - Unit Shutdown To Facilitate Repairs

Total Operating Time:	4.00 Hour(s)
Total Duration (Online only):	1.00 Hour(s)
Time in exceedance as a percentage of operating time:	25.00 %
Time in compliance as a percentage of operating time:	75.00 %

Report Code	Type	Text	Duration	Duration Percent
24	Reason	Shut Unit Down To Faulty Sensor	1	100.00
24	Action	Unit Shutdown To Facilitate Repairs	1	100.00

Sample Spreadsheet Listing

	CT6_CO_Ppmvdc_1M		CT6_NOx_Ppmvdc_1M		CT6_ExhaustFlow_LbPerHr_1M		CT6_GasFlow_kscfh_1M		CT6_Load_MWve_1M		CT6_NOx_SUSD_Lbs_1M	
Date/Time	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc
09/03/25 13:00	0		0		0		-0.1		0		0	
09/03/25 13:01	0		0		0		-0.1		0		0	
09/03/25 13:02	0		0		0		-0.1		0		0	
09/03/25 13:03	0		0		0		0		0		0	
09/03/25 13:04	0		0		0		-0.1		0		0	
09/03/25 13:05	0		0		0		-0.1		0		0	
09/03/25 13:06	0		0		0		0		0		0	
09/03/25 13:07	0		0		0		-0.1		0		0	
09/03/25 13:08	0		0		0		-0.1		0		0	
09/03/25 13:09	0		0		0		0		0		0	
09/03/25 13:10	0		0		0		-0.1		0		0	
09/03/25 13:11	0		-0.1		0		-0.1		0		0	
09/03/25 13:12	0		-0.1		0		0		0		0	
09/03/25 13:13	0		-0.1		0		-0.1		0		0	
09/03/25 13:14	0		0		0		-0.1		0		0	
09/03/25 13:15	0		0		0		-0.1		0		0	
09/03/25 13:16	0		0		0		0		0		0	
09/03/25 13:17	0		0		0		-0.1		0		0	
09/03/25 13:18	0		0		0		-0.1		0		0	
09/03/25 13:19	0		0		0		0		0		0	
09/03/25 13:20	0		0		0		0		0		0	
09/03/25 13:21	0.2		0		0		-0.2		0		0	
09/03/25 13:22	0.2		0		0		19.4		0		0	
09/03/25 13:23	147.5		7.29		269051.6		31.6		0		0.01	
09/03/25 13:24	31.3		23.86		264358.4		42		0		0.08	
09/03/25 13:25	10.1		25.72		270050.5		46.7		0.4		0.16	
09/03/25 13:26	8.2		22.97		542879		105.1		7.1		0.32	
09/03/25 13:27	4.1		31.6		657628		204.6		19.1		0.74	
09/03/25 13:28	1.9		7.67		627196.4		260.2		25.8		0.87	
09/03/25 13:29	1.2		1.4		594069.3		258.8		25.7		0.89	
09/03/25 13:30	1.3		1.05		600779.7		257.6		25.7		0.91	
09/03/25 13:31	1.4		0.67		598571		256.6		25.6		0.92	

	CT6_CO_Ppmvdc_1M			CT6_NOx_Ppmvdc_1M			CT6_ExhaustFlow_LbPerHr_1M			CT6_GasFlow_kscfh_1M			CT6_Load_MWe_1M			CT6_NOx_SUSD_Lbs_1M		
Date/Time	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc
09/03/25 13:32	1.3			0.67			598129.2			256.4			25.8			0		
09/03/25 13:33	1.1			0.76			595920.5			255.5			25.6			0		
09/03/25 13:34	1			0.86			595478.7			255.3			25.7			0		
09/03/25 13:35	1			0.97			602546.7			254.2			25.7			0		
09/03/25 13:36	0.9			1.06			602771.2			254.3			25.7			0		
09/03/25 13:37	0.9			1.18			609622.1			252.9			25.5			0		
09/03/25 13:38	1			1.22			633476.8			254.1			25.7			0		
09/03/25 13:39	1			1.24			644110			253.9			25.6			0		
09/03/25 13:40	1.1			1.16			658057.3			254.8			25.8			0		
09/03/25 13:41	1.1			1.16			659280			255.3			25.9			0		
09/03/25 13:42	1.1			1.16			659524.6			255.4			25.9			0		
09/03/25 13:43	1.1			1.26			658790.9			255.1			25.9			0		
09/03/25 13:44	1.1			1.26			659035.5			255.2			25.9			0		
09/03/25 13:45	1.1			1.37			658790.9			255.1			25.9			0		
09/03/25 13:46	56.2	X		3.26	X		785233.8	X		255.2			25.9			0		
09/03/25 13:47	41.4	X		0.8	X		0	X		255			25.9			0		
09/03/25 13:48	18.4	X		0	X		0	X		255.2			25.9			0		
09/03/25 13:49	18.3	X		0	X		0	X		254.9			25.9			0		
09/03/25 13:50	18.2	X		0	X		0	X		255.1			25.9			0		
09/03/25 13:51	17.8	X		0.76	X		683190.6	X		255.1			25.9			0		
09/03/25 13:52	0.5	X		2.6	X		176190.5	X		254.6			25.9			0		
09/03/25 13:53	0	X		2.71	X		176387.1	X		254.9			25.9			0		
09/03/25 13:54	0	X		2.71	X		175338.7	X		253.4			25.7			0		
09/03/25 13:55	0	X		2.74	X		174421.4	X		252.1			25.5			0		
09/03/25 13:56	0	X		2.74	X		174749	X		252.6			25.6			0		
09/03/25 13:57	0	X		84.01	X		174749	X		252.6			25.6			0		
09/03/25 13:58	0	X		140.84	X		172324.7	X		249.1			25.1			0		
09/03/25 13:59	0	X		141.01	X		172193.6	X		248.9			25.1			0		
09/03/25 14:00	0	X		141.18	X		171866	X		248.4			25.1			0		
09/03/25 14:01	38	X		135.81	X		171669.5	X		248.1			25.1			0		
09/03/25 14:02	305.5	X		25.72	X		172324.7	X		249.1			25.2			0		
09/03/25 14:03	307.9	X		0.37	X		173897.2	X		251.3			25.4			0		
09/03/25 14:04	307.9	X		0.28	X		175731.9	X		254			25.8			0		
09/03/25 14:05	307.9	X		0.23	X		175862.9	X		254.2			25.9			0		
09/03/25 14:06	452.7	X		0.27	X		281315.9	X		250.9			25.4			0		

	CT6_CO_Ppmvdc_1M			CT6_NOx_Ppmvdc_1M			CT6_ExhaustFlow_LbPerHr_1M			CT6_GasFlow_kscfh_1M			CT6_Load_MWe_1M			CT6_NOx_SUSD_Lbs_1M		
Date/Time	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc
09/03/25 14:07	85.4	X		0.94	X		718947.8	X		248.6			25.1			0		
09/03/25 14:08	1.9	X		1.45	X		627609.8	X		230			22.8			0		
09/03/25 14:09	1.4	X		1.85	X		615972.5	X		217.2			21.2			0		
09/03/25 14:10	1.3	X		1.77	X		598438.5	X		206.9			20			0		
09/03/25 14:11	1.3			1.62			599056			211.3			20.4			0		
09/03/25 14:12	1.1			1.56			545444.3			199.9			19			0		
09/03/25 14:13	1.2			1.77			532158.3			184			17.2			0		
09/03/25 14:14	1.1			1.84			545772.7			181.2			16.9			0		
09/03/25 14:15	1.1			1.53			552425.8			191			18.1			0		
09/03/25 14:16	0.9			1.5			502927.8			177.4			16.3			0		
09/03/25 14:17	1			1.81			521778.6			176.8			16.3			0		
09/03/25 14:18	0.9			1.85			542399.5			191.3			18			0		
09/03/25 14:19	0.9			2.04			501420			180.3			16.5			0		
09/03/25 14:20	1			2.05			455543.2			154.4			13.1			0		
09/03/25 14:21	1.6			2.16			390787			110.8			7.9			0		
09/03/25 14:22	2.1			2.57			419956.8			113.3			8.3			0		
09/03/25 14:23	2.1			3.39			405007.3			112			8.3			0		
09/03/25 14:24	1.5			3.63			388003.6			104.6			7.4			0		
09/03/25 14:25	1.4			33.33			379737.7			97.2			6.2			0		
09/03/25 14:26	1.3			20.57			353829.7			90.5			4.7			0.12		
09/03/25 14:27	1.7			8.48			210976.9			46.7			0.4			0.15		
09/03/25 14:28	3.3			7.18			253045.8			40.2			0			0.17		
09/03/25 14:29	5.1			3.08			254832			40.5			0			0.18		
09/03/25 14:30	6.9			3.85			253641.2			40.3			0			0.19		
09/03/25 14:31	7.4			5.13			254236.6			40.4			0			0.2		
09/03/25 14:32	7.7			5.13			103004.5			16.4			0			0.21		
09/03/25 14:33	0			1.4			95859.7			1.3			0			0		
09/03/25 14:34	0			0.7			0			-0.4			0			0		
09/03/25 14:35	0			0.2			0			0.2			0			0		
09/03/25 14:36	0			0.1			0			-0.7			0			0		
09/03/25 14:37	0			0.1			0			0.1			0			0		
09/03/25 14:38	0			0.1			0			-0.3			0			0		
09/03/25 14:39	0			0.1			0			-0.2			0			0		
09/03/25 14:40	0			0			0			-0.1			0			0		
09/03/25 14:41	0			0			0			-0.2			0			0		

	CT6_CO_Ppmvdc_1M		CT6_NOx_Ppmvdc_1M		CT6_ExhaustFlow_LbPerHr_1M		CT6_GasFlow_kscfh_1M		CT6_Load_MWe_1M		CT6_NOx_SUSD_Lbs_1M	
Date/Time	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc
09/03/25 14:42	0		0		0		-0.1		0		0	
09/03/25 14:43	0		0		0		-0.1		0		0	
09/03/25 14:44	0		0		0		-0.1		0		0	
09/03/25 14:45	0		0		0		-0.2		0		0	
09/03/25 14:46	0		0		0		-0.1		0		0	
09/03/25 14:47	0		0		0		-0.2		0		0	
09/03/25 14:48	0		0		0		0		0		0	
09/03/25 14:49	0		0		0		-0.2		0		0	
09/03/25 14:50	0		0		0		-0.6		0		0	
09/03/25 14:51	0		0		0		0		0		0	
09/03/25 14:52	0		0		0		-0.1		0		0	
09/03/25 14:53	0		0		0		0.1		0		0	
09/03/25 14:54	0		0		0		0		0		0	
09/03/25 14:55	0		0		0		-0.3		0		0	
09/03/25 14:56	0		0		0		-0.2		0		0	
09/03/25 14:57	0		0		0		-0.2		0		0	
09/03/25 14:58	0		0		0		-0.1		0		0	
09/03/25 14:59	0		0		0		0.3		0		0	
09/03/25 15:00	0		0		0		0		0		0	



2025 024

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 - 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(l)	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 9/17/25	Time 18:00	☐ AM ☒ PM
7. Start of Non-Compliance Event	Date 9/17/25	Time 16:50	☐ AM ☒ PM ☐ Not known
8. Violation	Permit No. REPR-20-03	Condition No. 34 b iii	Rule Section
9. Unit / Equipment Involved	CT6		
10. Description / Cause of Non-Compliance Event	Fuel flow meter issues ☒ additional information attached		
11. Immediate Corrective Actions	Shut the unit down to troubleshoot ☒ 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	Eddie Vasquez	Telephone	(916) 746 - 1683
Signature	Date 9/18/25	Time 0900	☒ 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 9/17/25	Time 1759	☐ AM ☒ PM
15. Duration of Non-Compliance Event	Hours 2	Minutes 0	
16. Excess Emissions Estimates	NOx ☒	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	Yes ☒ No ☐ If "Yes", complete and submit the Upset / Breakdown Checklist Form if not previously submitted with Part I		
20. Submitted By	NATHAN RIBORDY	Telephone	(916) 746 - 1673
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 9/18/25	Time 1325	☐ AM ☒ PM

UPSET / BREAKDOWN AND EMERGENCY CHECKLIST

Non-Compliance
Event Number

Company Name <u>ROSEVILLE ENERGY PARK - RPEAK</u>	Address <u>5120 PHILLIP RD ROSEVILLE CA 95747</u>		
Detection of Non-Compliance Event	Date <u>9/17/25</u>	Time <u>1800</u>	☐ 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.

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

From: Nathan Ribordy, *Power Generation Superintendent*

Date: September 19, 2025

Subject: Non-Compliance Event Notification 2025-024 PART II

This memo provides supplemental details to the Non-Compliance Event Notification #2025-024 submitted on September 18, 2025 regarding an incident involving RPEAK Combustion Turbine #6 (CT6). All times are given relative to the time as recorded by the CEMS.

Incident Summary:

- **Fuel Flow Start:** 10:45
- **Full Load Achieved:** 11:00
- **Fuel Flow Stop:** 17:45
- **Event:** NOx ppmvdc 1-hr at 3.72 and 3.33ppmvdc.
- **Response:** Engine was shut down.

Findings:

CT6 was dispatched for operation around 11:00 on September 17th. At approximately 16:08 the engine fuel flow indications started showing minor variations in flow rate without a corresponding change in engine load. The initial changes resulted in small swings to the water injection and subsequent changes in NOx, but were recovered after a few minutes. These minor fluctuations continued without raising any alarms until the completion of the 1600 hour, when the first alarm came in for high NOx at 3.72 ppmvdc for the 1600-1659 hour. Initial indications led operations to believe there was an issue with the NOx water injection pump. After initial troubleshooting it was determined the water injection pump was operating as designed. Without further information the decision was made to shut the unit down until further investigation could be conducted. The hour in which the unit was shut down between 1700-17:59 was the second hour exceedance at 3.33ppmvdc.

Upon evaluation of the data and additional troubleshooting, it was found that there was a loose wire on the fuel flow transmitter. As water injection rate is determined by fuel flow measurements the false changes in fuel flow resulted in a reduction in water injection and subsequent increase in NOx.

Follow-Up Actions:

The transmitter wiring was corrected, and the fuel flow meter will be tested and calibrated the week of 9/22/2025 prior to the engine being made available for dispatch.

Respectfully,



Nathan Ribordy, P.E.
(916) 746-1673
nribordy@roseville.ca.us

NOx LbPerHr 1-Hour Block Excess Emissions

CT6

From: 09/17/2025 00:00 To: 09/17/2025 23:59 Facility Name: ROSEVILLE ENERGY
Generated: 09/18/2025 04:47 Location: Roseville, CA



Tag Name: CT6_NOx_Norm_LbPerHr_1H

Total Operating Time: 8.00 Hour(s)

No Exclusions Allowed

Non-Operating Time: 16.00 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	09/17/25 16:00	09/17/25 16:59	1	3.72	2.71	2 - Control equipment problems	19 - SHUT DOWN UNIT FOR REPAIR
2	09/17/25 17:00	09/17/25 17:59	1	3.33	2.71	2 - Control equipment problems	19 - SHUT DOWN UNIT FOR REPAIR

Total Operating Time:	8.00 Hour(s)
Total Duration (Online only):	2.00 Hour(s)
Time in exceedance as a percentage of operating time:	25.00 %
Time in compliance as a percentage of operating time:	75.00 %

Report Code	Type	Text	Duration	Duration Percent
2	Reason	Control equipment problems	2	100.00
19	Action	SHUT DOWN UNIT FOR REPAIR	2	100.00

Sample Spreadsheet Listing

	CT6_CO_Ppmvdc_1M		CT6_NOx_Ppmvdc_1M		CT6_ExhaustFlow_LbPerHr_1M		CT6_GasFlow_kscfh_1M		CT6_Load_MWe_1M		CT6_NOx_SUSLbs_1M	
Date/Time	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc
09/17/25 16:00	1.3		1.78		692722		255.3		26.8		0	
09/17/25 16:01	1.3		1.78		682128.4		251.4		26.7		0	
09/17/25 16:02	1.3		1.89		691946.9		255		26.7		0	
09/17/25 16:03	1.3		2		679544.6		250.5		26.6		0	
09/17/25 16:04	1.2		2		688329.5		253.7		26.7		0	
09/17/25 16:05	1.2		1.89		687554.4		253.4		26.8		0	
09/17/25 16:06	1.3		2		674893.7		248.8		26.7		0	
09/17/25 16:07	1.3		2		663783.3		244.7		26.6		0	
09/17/25 16:08	1.2		2.34		669209.3		246.7		26.6		0	
09/17/25 16:09	1.2		2.56		649572.2		239.4		26.7		0	
09/17/25 16:10	1.2		2.67		646471.7		238.3		26.7		0	
09/17/25 16:11	1.2		3.01		675152.1		248.9		26.7		0	
09/17/25 16:12	1.2		2.78		677477.5		249.7		26.8		0	
09/17/25 16:13	1.2		2.23		676960.7		249.5		26.7		0	
09/17/25 16:14	1.2		1.89		660165.9		243.3		26.6		0	
09/17/25 16:15	1.2		2		627609.8		231.3		26.6		0	
09/17/25 16:16	1.2		3.4		696826.3		252		26.6		0	
09/17/25 16:17	1.2		3.74		685502.2		247.9		26.7		0	
09/17/25 16:18	1.2		2.72		691822.7		250.2		26.6		0	
09/17/25 16:19	1.2		1.59		648633.1		234.6		26.6		0	
09/17/25 16:20	1.2		2.27		624404.8		225.8		26.8		0	
09/17/25 16:21	1.1		6.92		659167.2		238.4		26.6		0	
09/17/25 16:22	1.1		2.04		654163.5		236.6		26.6		0	
09/17/25 16:23	1.2		2.04		661537.3		239.2		26.5		0	
09/17/25 16:24	1.2		2.61		675231.6		244.2		26.6		0	
09/17/25 16:25	1.2		2.72		684185.5		247.4		26.7		0	
09/17/25 16:26	1.2		2.16		689189.2		249.2		26.7		0	
09/17/25 16:27	1.2		1.7		685765.6		248		26.7		0	
09/17/25 16:28	1.2		1.7		686555.6		248.3		26.8		0	
09/17/25 16:29	1.2		1.82		692876.1		250.6		26.8		0	
09/17/25 16:30	1.2		1.82		696826.3		252		26.9		0	
09/17/25 16:31	1.4		1.7		708940.5		256.4		26.8		0	

	CT6_CO_Ppmvdc_1M		CT6_NOx_Ppmvdc_1M		CT6_ExhaustFlow_LbPerHr_1M		CT6_GasFlow_kscfh_1M		CT6_Load_MWe_1M		CT6_NOx_SUSD_Lbs_1M	
Date/Time	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc
09/17/25 16:32	1.4		1.59		697879.7		252.4		26.7		0	
09/17/25 16:33	1.4		1.59		693139.4		250.7		26.7		0	
09/17/25 16:34	1.4		1.7		693139.4		250.7		26.6		0	
09/17/25 16:35	1.4		1.82		678918.5		245.5		26.6		0	
09/17/25 16:36	1.4		1.93		693666.1		250.9		26.6		0	
09/17/25 16:37	1.2		1.93		705516.9		255.1		26.6		0	
09/17/25 16:38	1.2		1.82		693139.4		250.7		26.6		0	
09/17/25 16:39	1.2		1.7		666541		241		26.7		0	
09/17/25 16:40	1.2		2.04		675231.6		244.2		26.7		0	
09/17/25 16:41	1.2		2.45		681611.6		251.2		26.7		0	
09/17/25 16:42	1.2		2.45		676960.7		249.5		26.7		0	
09/17/25 16:43	1.2		1.89		676185.6		249.2		26.6		0	
09/17/25 16:44	1.2		1.78		659649.1		243.1		26.7		0	
09/17/25 16:45	1.2		2.38		693402.8		250.8		26.7		0	
09/17/25 16:46	1.2		2.5		676285		244.6		26.6		0	
09/17/25 16:47	1.2		2.38		680761.9		246.2		26.7		0	
09/17/25 16:48	1.2		2.04		651530		235.6		26.7		0	
09/17/25 16:49	1.2		2.61		609393.9		220.4		26.7		0	
09/17/25 16:50	1.2		7.49		524068.2		189.5		26.7		0	
09/17/25 16:51	1.3		24.76		452715.6		160.6		26.7		0	
09/17/25 16:52	1.2		69.3		589389.5		209		26.6		0	
09/17/25 16:53	1.2		10.76		613555.8		217.6		26.7		0	
09/17/25 16:54	1.2		6.48		600667.1		213		26.7		0	
09/17/25 16:55	1.2		6.94		646583.1		229.3		26.7		0	
09/17/25 16:56	1.2		5.44		627250.1		222.5		26.7		0	
09/17/25 16:57	1.2		4.28		628324.1		222.9		26.7		0	
09/17/25 16:58	1.2		4.16		582408.1		206.6		26.7		0	
09/17/25 16:59	1.2		9.37		569787.9		202.1		26.6		0	
09/17/25 17:00	1.2		10.18		461845.1		163.8		26.7		0	
09/17/25 17:01	1.2		36.93		558451.3		194.2		26.7		0	
09/17/25 17:02	1.2		16.77		570593.5		202.4		26.7		0	
09/17/25 17:03	1.2		11.68		610065.1		216.4		26.7		0	
09/17/25 17:04	1.2		6.36		688471.4		244.2		26.7		0	
09/17/25 17:05	1.1		5.45		703146.8		254.3		26.8		0	
09/17/25 17:06	1.2		2.95		702620		254.1		26.8		0	

	CT6_CO_Ppmvdc_1M		CT6_NOx_Ppmvdc_1M		CT6_ExhaustFlow_LbPerHr_1M		CT6_GasFlow_kscfh_1M		CT6_Load_MWe_1M		CT6_NOx_SUSLbs_1M	
Date/Time	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc
09/17/25 17:07	1.4		1.36		705516.9		255.1		26.8		0	
09/17/25 17:08	1.4		1.36		703673.5		254.5		26.8		0	
09/17/25 17:09	1.3		1.45		697372.9		257		26.8		0	
09/17/25 17:10	1.3		1.56		700215.1		258.1		26.9		0	
09/17/25 17:11	1.3		1.56		700473.5		258.2		26.9		0	
09/17/25 17:12	1.3		1.56		699181.6		257.7		26.8		0	
09/17/25 17:13	1.3		1.56		699440		257.8		26.8		0	
09/17/25 17:14	1.3		1.56		699698.3		257.9		26.9		0	
09/17/25 17:15	1.3		1.56		699440		257.8		26.9		0	
09/17/25 17:16	1.3		1.67		699956.7		258		26.9		0	
09/17/25 17:17	1.3		1.67		699956.7		258		26.9		0	
09/17/25 17:18	1.3		1.78		698406.4		257.4		26.9		0	
09/17/25 17:19	1.3		1.78		699440		257.8		26.9		0	
09/17/25 17:20	1.3		1.78		699698.3		257.9		26.9		0	
09/17/25 17:21	1.3		1.78		699698.3		257.9		26.9		0	
09/17/25 17:22	1.3		1.78		699956.7		258		26.9		0	
09/17/25 17:23	1.3		1.78		698923.2		257.6		26.9		0	
09/17/25 17:24	1.3		1.78		699181.6		257.7		26.9		0	
09/17/25 17:25	1.3		1.89		699440		257.8		26.9		0	
09/17/25 17:26	1.3		1.89		698664.8		257.5		26.9		0	
09/17/25 17:27	1.3		1.89		698664.8		257.5		26.9		0	
09/17/25 17:28	1.6		1.89		698406.4		257.4		26.9		0	
09/17/25 17:29	1.7		1.89		699181.6		257.7		26.9		0	
09/17/25 17:30	1.6		1.89		698406.4		257.4		26.9		0	
09/17/25 17:31	1.4		1.89		698664.8		257.5		26.9		0	
09/17/25 17:32	1.3		1.89		698148.1		257.3		26.8		0	
09/17/25 17:33	1.3		1.89		698923.2		257.6		26.9		0	
09/17/25 17:34	1.3		1.89		698406.4		257.4		26.9		0	
09/17/25 17:35	1.3		1.89		698664.8		257.5		26.9		0	
09/17/25 17:36	1.3		1.89		698406.4		257.4		26.9		0	
09/17/25 17:37	1.3		1.89		696597.8		256.8		26.7		0.03	
09/17/25 17:38	1.4		2.08		581334.1		206.2		20		0.06	
09/17/25 17:39	1.7		2.16		321647.7		91.7		5.6		0.07	
09/17/25 17:40	3.7		2.7		227666.8		38		0		0.08	
09/17/25 17:41	6.2		2.15		252098.6		38.6		0		0.09	

	CT6_CO_Ppmvdc_1M		CT6_NOx_Ppmvdc_1M		CT6_ExhaustFlow_LbPerHr_1M		CT6_GasFlow_kscfh_1M		CT6_Load_MWe_1M		CT6_NOx_SUSLbs_1M	
Date/Time	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc
09/17/25 17:42	8.5		3.33		244710.2		39.1		0		0.1	
09/17/25 17:43	9.7		5.39		244710.2		39.1		0		0.11	
09/17/25 17:44	9.7		6.41		244710.2		39.1		0		0.13	
09/17/25 17:45	0		2		31667.9		3.5		0		0	
09/17/25 17:46	0		1		0		-0.4		0		0	
09/17/25 17:47	0		0.4		0		-0.6		0		0	
09/17/25 17:48	0		0.1		0		-0.1		0		0	
09/17/25 17:49	0		0.1		0		-0.3		0		0	
09/17/25 17:50	0		0		0		-0.1		0		0	
09/17/25 17:51	0		0		0		-0.2		0		0	
09/17/25 17:52	0		0		0		-0.1		0		0	
09/17/25 17:53	0		0		0		-0.1		0		0	
09/17/25 17:54	0		0		0		-0.2		0		0	
09/17/25 17:55	0		0		0		0.2		0		0	
09/17/25 17:56	0		0		0		-0.1		0		0	
09/17/25 17:57	0		0		0		-0.3		0		0	
09/17/25 17:58	0		0		0		0		0		0	
09/17/25 17:59	0		0		0		-0.1		0		0	
09/17/25 18:00	0		0		0		-0.3		0		0	

Sample Spreadsheet Listing

	CT6_CO_Ppmvdc_1M			CT6_NOx_Ppmvdc_1M			CT6_WaterInj_GPM_1M			CT6_GasFlow_kscfh_1M			CT6_Load_MWe_1M			CT6_NOx_SCR_Ppm_1M		
Date/Time	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc
09/17/25 16:00	1.3			1.78			28.7			255.3			26.8			24.1		
09/17/25 16:01	1.3			1.78			28			251.4			26.7			24.2		
09/17/25 16:02	1.3			1.89			28.6			255			26.7			24.6		
09/17/25 16:03	1.3			2			28			250.5			26.6			24.7		
09/17/25 16:04	1.2			2			28.4			253.7			26.7			24.7		
09/17/25 16:05	1.2			1.89			28.4			253.4			26.8			24.7		
09/17/25 16:06	1.3			2			27.9			248.8			26.7			24.8		
09/17/25 16:07	1.3			2			27.1			244.7			26.6			25		
09/17/25 16:08	1.2			2.34			27.4			246.7			26.6			25.9		
09/17/25 16:09	1.2			2.56			26.3			239.4			26.7			26.4		
09/17/25 16:10	1.2			2.67			26.1			238.3			26.7			29.4		
09/17/25 16:11	1.2			3.01			27.6			248.9			26.7			28.4		
09/17/25 16:12	1.2			2.78			27.7			249.7			26.8			26.1		
09/17/25 16:13	1.2			2.23			27.7			249.5			26.7			26.1		
09/17/25 16:14	1.2			1.89			26.9			243.3			26.6			26.1		
09/17/25 16:15	1.2			2			25			231.3			26.6			29.1		
09/17/25 16:16	1.2			3.4			27.9			252			26.6			30.6		
09/17/25 16:17	1.2			3.74			27.5			247.9			26.7			25.1		
09/17/25 16:18	1.2			2.72			27.8			250.2			26.6			25.2		
09/17/25 16:19	1.2			1.59			25.6			234.6			26.6			25.7		
09/17/25 16:20	1.2			2.27			24.1			225.8			26.8			31.4		
09/17/25 16:21	1.1			6.92			25.8			238.4			26.6			33.6		
09/17/25 16:22	1.1			2.04			26			236.6			26.6			27.7		
09/17/25 16:23	1.2			2.04			26.1			239.2			26.5			28.1		
09/17/25 16:24	1.2			2.61			27.1			244.2			26.6			28.6		
09/17/25 16:25	1.2			2.72			27.5			247.4			26.7			28		
09/17/25 16:26	1.2			2.16			27.7			249.2			26.7			26.7		
09/17/25 16:27	1.2			1.7			27.6			248			26.7			26.3		
09/17/25 16:28	1.2			1.7			27.7			248.3			26.8			26.2		
09/17/25 16:29	1.2			1.82			28			250.6			26.8			26.5		
09/17/25 16:30	1.2			1.82			28.2			252			26.9			26.1		
09/17/25 16:31	1.4			1.7			28.7			256.4			26.8			25.6		

	CT6_CO_Ppmvdc_1M			CT6_NOx_Ppmvdc_1M			CT6_WaterInj_GPM_1M			CT6_GasFlow_kscfh_1M			CT6_Load_MWe_1M			CT6_NOx_SCR_Ppm_1M		
Date/Time	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc
09/17/25 16:32	1.4			1.59			28.2			252.4			26.7			25.1		
09/17/25 16:33	1.4			1.59			28			250.7			26.7			24.9		
09/17/25 16:34	1.4			1.7			27.9			250.7			26.6			25		
09/17/25 16:35	1.4			1.82			27.2			245.5			26.6			25.2		
09/17/25 16:36	1.4			1.93			27.9			250.9			26.6			25.8		
09/17/25 16:37	1.2			1.93			28.4			255.1			26.6			26		
09/17/25 16:38	1.2			1.82			27.9			250.7			26.6			25.5		
09/17/25 16:39	1.2			1.7			26.5			241			26.7			25.1		
09/17/25 16:40	1.2			2.04			26.9			244.2			26.7			26.3		
09/17/25 16:41	1.2			2.45			28			251.2			26.7			27.3		
09/17/25 16:42	1.2			2.45			27.7			249.5			26.7			26.6		
09/17/25 16:43	1.2			1.89			27.6			249.2			26.6			25.7		
09/17/25 16:44	1.2			1.78			26.5			243.1			26.7			26		
09/17/25 16:45	1.2			2.38			27.8			250.8			26.7			28.5		
09/17/25 16:46	1.2			2.5			27.1			244.6			26.6			26		
09/17/25 16:47	1.2			2.38			27.2			246.2			26.7			26.4		
09/17/25 16:48	1.2			2.04			25.7			235.6			26.7			26.9		
09/17/25 16:49	1.2			2.61			23.1			220.4			26.7			30.1		
09/17/25 16:50	1.2			7.49			18.9			189.5			26.7			34.6		
09/17/25 16:51	1.3			24.76			12.7			160.6			26.7			100		
09/17/25 16:52	1.2			69.3			21.3			209			26.6			100		
09/17/25 16:53	1.2			10.76			22.7			217.6			26.7			39.3		
09/17/25 16:54	1.2			6.48			22.4			213			26.7			34.6		
09/17/25 16:55	1.2			6.94			24.3			229.3			26.7			38.7		
09/17/25 16:56	1.2			5.44			23.7			222.5			26.7			31.7		
09/17/25 16:57	1.2			4.28			23.5			222.9			26.7			36		
09/17/25 16:58	1.2			4.16			21.2			206.6			26.7			36.2		
09/17/25 16:59	1.2			9.37			20.7			202.1			26.6			39.6		
09/17/25 17:00	1.2			10.18			14			163.8			26.7			40.4		
09/17/25 17:01	1.2			36.93			19.2			194.2			26.7			100		
09/17/25 17:02	1.2			16.77			20.7			202.4			26.7			42.7		
09/17/25 17:03	1.2			11.68			22.4			216.4			26.7			41.1		
09/17/25 17:04	1.2			6.36			26.6			244.2			26.7			37.9		
09/17/25 17:05	1.1			5.45			28.3			254.3			26.8			27.1		
09/17/25 17:06	1.2			2.95			28.2			254.1			26.8			24.7		

	CT6_CO_Ppmvdc_1M		CT6_NOx_Ppmvdc_1M		CT6_WaterInj_GPM_1M		CT6_GasFlow_kscfh_1M		CT6_Load_MWe_1M		CT6_NOx_SCR_Ppm_1M	
Date/Time	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc
09/17/25 17:07	1.4		1.36		28.4		255.1		26.8		25	
09/17/25 17:08	1.4		1.36		28.5		254.5		26.8		25.1	
09/17/25 17:09	1.3		1.45		28.8		257		26.8		25	
09/17/25 17:10	1.3		1.56		28.9		258.1		26.9		24.7	
09/17/25 17:11	1.3		1.56		28.9		258.2		26.9		24.2	
09/17/25 17:12	1.3		1.56		28.8		257.7		26.8		24.1	
09/17/25 17:13	1.3		1.56		28.8		257.8		26.8		24.3	
09/17/25 17:14	1.3		1.56		28.9		257.9		26.9		24.3	
09/17/25 17:15	1.3		1.56		28.8		257.8		26.9		24.3	
09/17/25 17:16	1.3		1.67		28.8		258		26.9		24.4	
09/17/25 17:17	1.3		1.67		28.8		258		26.9		24.5	
09/17/25 17:18	1.3		1.78		28.7		257.4		26.9		24.5	
09/17/25 17:19	1.3		1.78		28.7		257.8		26.9		24.4	
09/17/25 17:20	1.3		1.78		28.7		257.9		26.9		24.4	
09/17/25 17:21	1.3		1.78		28.7		257.9		26.9		24.5	
09/17/25 17:22	1.3		1.78		28.7		258		26.9		24.5	
09/17/25 17:23	1.3		1.78		28.7		257.6		26.9		24.4	
09/17/25 17:24	1.3		1.78		28.7		257.7		26.9		24.4	
09/17/25 17:25	1.3		1.89		28.7		257.8		26.9		24.5	
09/17/25 17:26	1.3		1.89		28.6		257.5		26.9		24.7	
09/17/25 17:27	1.3		1.89		28.6		257.5		26.9		24.6	
09/17/25 17:28	1.6		1.89		28.6		257.4		26.9		24.5	
09/17/25 17:29	1.7		1.89		28.6		257.7		26.9		24.5	
09/17/25 17:30	1.6		1.89		28.6		257.4		26.9		24.5	
09/17/25 17:31	1.4		1.89		28.5		257.5		26.9		24.4	
09/17/25 17:32	1.3		1.89		28.6		257.3		26.8		24.3	
09/17/25 17:33	1.3		1.89		28.6		257.6		26.9		24.3	
09/17/25 17:34	1.3		1.89		28.7		257.4		26.9		24.3	
09/17/25 17:35	1.3		1.89		28.7		257.5		26.9		24.3	
09/17/25 17:36	1.3		1.89		28.7		257.4		26.9		24.2	
09/17/25 17:37	1.3		1.89		28.7		256.8		26.7		24.2	
09/17/25 17:38	1.4		2.08		21.3		206.2		20		24	
09/17/25 17:39	1.7		2.16		7.6		91.7		5.6		21.9	
09/17/25 17:40	3.7		2.7		6.7		38		0		16.1	
09/17/25 17:41	6.2		2.15		9.3		38.6		0		16.7	

	CT6_CO_Ppmvdc_1M		CT6_NOx_Ppmvdc_1M		CT6_WaterInj_GPM_1M		CT6_GasFlow_kscfh_1M		CT6_Load_MWe_1M		CT6_NOx_SCR_Ppm_1M	
Date/Time	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc
09/17/25 17:42	8.5		3.33		7.7		39.1		0		16.8	
09/17/25 17:43	9.7		5.39		7.7		39.1		0		17.2	
09/17/25 17:44	9.7		6.41		7.7		39.1		0		17.5	
09/17/25 17:45	0		2		0.8		3.5		0		14.9	
09/17/25 17:46	0		1		0.2		-0.4		0		0.6	
09/17/25 17:47	0		0.4		2		-0.6		0		0.5	
09/17/25 17:48	0		0.1		0		-0.1		0		0.5	
09/17/25 17:49	0		0.1		0		-0.3		0		0.4	
09/17/25 17:50	0		0		0		-0.1		0		0.3	
09/17/25 17:51	0		0		0		-0.2		0		0.3	
09/17/25 17:52	0		0		0		-0.1		0		0.3	
09/17/25 17:53	0		0		0		-0.1		0		0.2	
09/17/25 17:54	0		0		0		-0.2		0		0.2	
09/17/25 17:55	0		0		0		0.2		0		0.2	
09/17/25 17:56	0		0		0		-0.1		0		0.2	
09/17/25 17:57	0		0		0		-0.3		0		0.1	
09/17/25 17:58	0		0		0		0		0		0.1	
09/17/25 17:59	0		0		0		-0.1		0		0.1	
09/17/25 18:00	0		0		0		-0.3		0		0.1	

CRR-13

CRR-13: The project operator shall provide an emissions reporting protocol to the CPM for review and approval. The emissions reporting protocol shall explain the procedures for estimating criteria pollutant emissions during emergency operation and reliability testing. The protocol shall list the calculation methodologies, operational parameters used to quantify emissions (e.g., fuel flow, gross calorific value of fuel, predetermined emission factors, water injection, megawatts, etc.), and any assumptions made in the estimate. The protocol shall be submitted at the end of each operating quarter for approval. Upon approval of the protocol, the operational emissions shall be reported using and presenting the same calculation methodologies, operational parameters and assumptions used to quantify emissions. Emissions shall be reported to the CPM quarterly. In addition to emissions reporting, the reported data shall include fuel use, hours of operation and times of operation, and energy produced by that use and operation.

(CEC 1304 reflects fuel use & energy produced)

CEC-1304 SCHEDULE 2 Part A: Generation and Fuel Use by Generator

CEC-1304 (Revised 06/2019)



Reporting Period							Year:		2025	
							Quarter:		3	
One Schedule 2-A for each generator (unit) in plant.							CEC Plant ID:		G0213	
							EIA Plant ID:		56298	
							Generator (Unit) ID:		CT5 & CT6	
							Qualifying Facility ID:		0	

Month	Gross MWh	Net MWh	Primary Energy Source :				Secondary Energy Source:			
			Fuel Use in MCF, bbl, or ton	Fuel Use in MMBtu	Fuel Supplied by Tolling Agreement (Percent) (1)	Fuel Cost (1)	Fuel Use in MCF, bbl, or ton	Fuel Use in MMBtu	Fuel Supplied by Tolling Agreement (Percent) (1)	Fuel Cost (1)
January	1,156	1,063	9,205	9,689	-	50,836				
February	499	463	5,023	5,289	-	46,536				
March	0	0	0	0	-	0				
April	0	0	0	0	-	0				
May	843	801	8,157	8,565	-	30,019				
June	1,193	1,082	12,176	12,772	-	50,086				
July	162	128	1,663	1,699	0	6,594				
August	7,338	6,886	73,157	77,159	0	308,174				
September	2,470	2,357	25,882	27,196	0	112,174				
October										
November										
December										
Annual Total (2)	13,661	12,780	135,263	142,371	0	604,419	0	0	0	0

Notes: Gross MWh includes plant parasitic load. Net MWh does not include parasitic load.

(1) Fuel Cost and Fuel Supplied by Tolling Agreement is required for plants of 50 MW or more. Fuel Cost is for any portion of fuel not supplied through a tolling agreement. Fuel Cost will be kept confidential.

(2) For plants with plant nameplate capacity of less than 10 MW, monthly data are not required.

(1 MMBtu = 10 therms)

Please note that the September fuel cost number is an estimate as the bill has not been finalized. Final cost will be included in the Q4 report.