DOCKETED	
Docket Number:	21-TPG-01
Project Title:	Roseville Energy Park Temporary Power Generators
TN #:	266954
Document Title:	RPEAK (REPR-20-03 AND 04) Quarterly CEMS Report - Third Quarter 2025 - Part 1s
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

RPEAK

Roseville Energy Park Temporary Generators

(21-TPG-01)

Quarterly Operational Report

2025-Q3

Reporting Period: July 1, 2025 – September 30, 2025
Prepared on: October 1, 2025

Submitted to:

California Energy Commission

QUARTERLY OPERATIONAL REPORT

Part I. Identification

a. Quarterly emission report period: **JULY 1, 2025 – SEPTEMBER 30, 2025**

b. Reporting date: **OCTOBER 1, 2025**

c. Person ensuring completion and reviewing report: **JULIE MANFREDI**

d. Plant name: **RPEAK (ROSEVILLE ENERGY PARK TEMPORARY GENERATORS)**

e. Plant location:

5120 PHILLIP ROAD
ROSEVILLE, CA 95747

f. Person responsible for integrity of report: **NATHAN RIBORDY**

g. Mailing address of report reviewer:

5120 PHILLIP ROAD
ROSEVILLE, CA 95747

h. Telephone number of report reviewer: **916-746-1673**

Part II. Permit Conditions

SEE ATTACHED

Part III. Measuring Instrumentation Information:

Monitor	Type	Manufacturer	Serial No.	Model No.	Available for
Combustion Turbine Generator #3 (CT5)	Natl Gas Fired, Simple Cycle with Singular Dry Annular Combustors with Water Injection	General Electric (GE)	679-341	TM2500-G4	8/29/2023
CT5 SCR Catalyst	Integrated Ammonia Injection System		25101		8/29/2023
CT5 Oxidation Catalyst			No serial numbers. What we received from the vendor: "The regular CO modules are numbered 1 through 292 and the test button modules are numbered 1 through 8. There are a total of 300 modules in the PO. One site (Yuba City) likely has 1 through 146 of the regular modules + 1 through 4 of the test button modules. The other site (Roseville) likely has 147 through 292 of the regular modules + 5 through 8 of the test button modules."		8/29/2023
Combustion Turbine Generator #4 (CT6)	Natl Gas Fired, Simple Cycle with Singular Dry Annular Combustors with Water Injection	General Electric (GE)	679-344	TM2500-G4	8/29/2023
CT6 SCR Catalyst	Integrated Ammonia Injection System		25101		8/29/2023
CT6 Oxidation Catalyst			No serial numbers. What we received from the vendor: "The regular CO modules are numbered 1 through 292 and the test button modules are numbered 1 through 8. There are a total of 300 modules in the PO. One site (Yuba City) likely has 1 through 146 of the regular modules + 1 through 4 of the test button modules. The other site (Roseville) likely has 147 through 292 of the regular modules + 5 through 8 of the test button modules."		8/29/2023

Part IV. Excess Emissions by Pollutant

SEE ATTACHED

Part V. Calibrations

Stack O_2 Analyzer	Gas Concentration
Measurement Range = 0–25%	
Zero (0 to 20% of span)	0
High (80 to 100% of span)	20–25%

Stack NO_X Analyzer	Gas Concentration
Measurement Range = 0–10 ppm	
Zero (0 to 20% of span)	0
High (80 to 100% of span)	8–10 ppm
Measurement Range = 0–500 ppm	
Zero (0 to 20% of span)	0
High (80 to 100% of span)	400–500 ppm

CO Analyzer	Gas Concentration
Measurement Range = 0-20 ppm	
Zero (0 to 20% of span)	0
High (50 to 100% of span)	10 – 20 ppm
Measurement Range = 0-1000 ppm	
Zero (0 to 20% of span)	0
High (50 to 100% of span)	500 – 1000 ppm

Part VI. Types of Fuels Combusted

NATURAL GAS

Part VII. Continuous Emissions Monitoring System Operation Changes and Failures

SEE ATTACHED

Part VIII. Certification of Report Integrity by Reviewer

THIS IS TO CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THE INFORMATION PROVIDED IN THE ABOVE REPORT IS BOTH COMPLETE AND ACCURATE.

NAME: NATHAN RIBORDY

Nathan Ribordy (Oct 20, 2025 14:25:43 PDT)

TITLE: POWER GENERATION SUPERINTENDENT

DATE: OCTOBER 19, 2025

LIST OF ATTACHMENTS

I. PERMIT CONDITIONS

RPEAK CONDITION #	DESCRIPTION
CRR-01	List of all persons who have completed WEAP training
CRR-02	Construction condition and reporting requirement
CRR-03	Change of Environmental Coordinator
CRR-04	Implementation of a Workers Environmental Awareness Program (WEAP) and training records
CRR-05	Implementation of project site design, installation, and maintenance
CRR-06	Construction condition and reporting requirement
CRR-07	Copy of SWPPP previously submitted
CRR-08	Noise complaint
CRR-09	Semi-Annual report every Jan and July
CRR-10	Any complaints, incidents, notices of violation etc.
CRR-11	Planned facility closure activities
CRR-12	Notification from Air District of ATC/PTO non-compliance
CRR-13	Hours and times of operation (CEC 1304 reflects fuel use & energy produced)
CRR-14	Cessation of operation facility report

II. EMISSIONS DEVIATIONS

1. EPISODE LIST OF POLLUTANT DEVIATIONS (EXCESS EMISSIONS REPORTS)
2. EPISODE LIST OF DOWNTIME (INVALID DATA REPORTS)
    a. *(CO, NOx)*
3. SUMMARY DEVIATIONS AND DOWNTIME (EDS/CMS SUMMARY REPORTS)
4. CGA CALIBRATION REPORT
    a. *(Results from quarterly audit only)*
5. LINEARITY TEST

I. Permit Conditions

CRR-01

CRR-01: Running list of all person who have completed the Workers Environmental Awareness Program training to date.

Verification: The project operator shall provide a quarterly compliance report to the CEC Compliance Project Manager (CPM) including a record of the number of persons who have completed the Workers Environmental Awareness Program training in the prior quarter and a running total of all persons who have completed the training to date.

Total number of individuals who complete WEAP training in Q3 2025: 22

Total number: 557

CRR-02

CRR-02: If a cultural resource is found during installation of the project, the project operator shall provide the following documentation to the CPM:

- A description of the cultural resource, the circumstances surrounding its discovery, actions taken to protect the resource, and the disposition of any artifacts or features that came into the project operator's possession
- A confidential map of the discovery location on an aerial photograph or project plans
- Photographs of the cultural resource and constituent artifacts or features

If human remains are found during installation of the project, the project operator shall document the discovery as described in the bulleted list above and demonstrate compliance with California Health and Safety Code, Section 7050.5(b). Demonstration of compliance may include:

- Telephone conversation logs
- Copies of email exchanges
- Minutes from field meetings

Verification: The project operator shall provide the documentation described in the previous paragraphs with the reports required under CRR-1, in a confidential appendix. The project operator shall keep this documentation on file for at least 6 months following the start of commercial operation.

No cultural resources or human remains were found during project installation, or since project installation.

CRR-03

CRR-03: The Environmental Coordinator (EC) shall be retained by the project operator. The EC will have the authority to review and approve the following materials and assume the following duties:

- Per CCR-4, design the Worker Environmental Awareness Program;
- Issue stop-work orders as per CCR-4;
- Report to the CPM, CDFW or USFWS any take of special status plants, wildlife, or habitat (per CCR-6);
- The EC shall have the following qualifications: at minimum, will hold a bachelor's degree in in Environmental Science, Environmental Planning, Urban Planning, or a related field, as well as a minimum of 3 years of applicable, relevant experience; and
- The EC shall be available to the CPM or their CEC staff-designee, for consult and updates upon request.

No changes in Q3 2025.

CRR-04

CRR-04: Implementation of a Workers Environmental Awareness Program (WEAP).

Verification: The project operator shall provide a quarterly compliance report to the CPM a record of the number of persons who have completed the training in the prior months and a running total of all persons who have completed the training to date. The signed training acknowledgement forms from construction shall be kept on file by the project operator for a period of at least 6 months after the start of commercial operation. During project operation, signed statements for active project operational personnel shall be kept on file for 6 months following the termination of an individual's employment.

Reference CRR-01 for evidence.

CRR-05

CRR-05: The project operator shall undertake the following:

- Provide representative schematics, diagrams, or shapefiles of the final package unit configuration and linear connections;
- The project operator shall design, install, and maintain project-related features such as access roads and storage and parking areas to avoid identified sensitive resources;
- Stake or fence the limits of the work zone and access roads, and prohibit any offsite use or impacts;
- Eliminate from landscaping or revegetation plans any List A California exotic pest plants of concern as defined by the California Exotic Pest Plant Council;
- Prescribe a road sealant that is non-toxic to wildlife and plants; and
- Design, install, and maintain any additional necessary facility lighting to prevent side casting of light toward native habitat.

Verification: The project operator is to report the proof of the implementation of the measures above on the quarterly compliance reports. This condition and reporting requirement was satisfied during the construction phase and all requirement documentation was submitted to the CPM prior to Roseville assuming operator status on August 29, 2022.

If there are any modifications or updates made to the conditions or criteria specified in the report requirements for CRR-05, those changes will be included in this quarterly report.

CRR-06

CRR-06: The project operator shall implement the following measures to manage its construction site (and related facilities) in a manner to avoid or minimize impacts to local biological and cultural resources:

- Install temporary fencing and provide wildlife escape ramps for construction areas that contain steep-walled holes or trenches if outside an approved, permanent exclusionary fence. The temporary fence shall be hardware cloth or similar material that is approved by the CPM, and CDFW;
- ensure that all food-related trash is disposed of in closed containers and removed at least once a week;
- prohibit feeding of wildlife by staff and subcontractors;
- prohibit non-security-related firearms or weapons on site;
- prohibit pets on site;
- report all inadvertent deaths of sensitive species to the Environmental Coordinator, who will, within 24 hours, notify the CPM, CDFW or United States Fish and Wildlife Service, as appropriate; and
- minimize use of rodenticides and herbicides in the project area.

Verification: Implementation of the measures shall be reported in the quarterly compliance reports by the Environmental Coordinator. Within 30 days after completion of project deployment, the project operator shall provide to the CPM, for review and approval, a written construction termination report identifying how environmental resource measures have been completed. This report may or may not be coincidental with the quarterly monitoring report.

The written construction termination report was submitted and accepted by the CEC on September 29th, 2022. Facility is operational and construction has been completed.

CRR-07

CRR-07: The project has been issued a waiver of the requirements of a construction stormwater pollution prevention plan (SWPPP) by the State Water Resources Control Board based on the low rain erosivity of the site. However, the project operator shall implement stormwater best management practices (BMPs) to ensure that no contaminated water is discharged off-site. Examples of contaminated water include dust suppression water, equipment wash water, and contact stormwater or sediment laden stormwater in the unlikely event that significant rain falls on the project site during construction.

Copy of SWPPP previously submitted on Q3 2022 CEC QAQR report.

CRR-08

CRR-08: Prior to operation of the temporary power generators, the project operator shall notify the residences within 2500 feet from the project site, by mail or by other effective means, of the commencement of project operation. The notification shall include a telephone number for use by the public to report any undesirable noise conditions during the operation of the project. Within five business days, project personnel shall notify the CPM that the above notification has been sent.

If the project receives a noise complaint, project personnel shall document and investigate the complaint to determine the source of the noise. If the investigation determines that the noise is project related, project personnel shall attempt to resolve the complaint to the satisfaction of the complainant.

The project operator shall use the attached Noise Complaint Resolution Form or a functionally equivalent procedure, to document and respond to the noise complaint. The completed form shall be submitted to the CPM within three business days following its completion.

If project personnel and complainant cannot reach consensus, project Personnel shall notify the CPM.

No complaints received in Q3 2025.

CRR-09

CRR-09: After construction is complete, the project operator shall submit Semi-Annual Compliance Reports; the project may be required to submit additional compliance reports as mandated by the technical areas. The reports are due to the CPM at a date agreed to by the CPM. Each Semiannual Compliance Report shall identify the reporting period and shall contain the following:

- An updated compliance matrix, in a spreadsheet format. The compliance matrix must identify the following:
    - the technical area and number of the conditions and reporting requirements;
    - a brief description of the submittal required;
    - the date when the submittal is required and the expected or actual submittal date; and
    - the compliance status of each condition and reporting requirement.
- A summary of the current project operating status and an explanation of any significant changes to facility operations;
- Documents required by specific conditions and reporting requirements to be submitted along with the Semi-Annual Compliance Report as attachments; and
- A listing of filings made to, or permits issued by, other governmental agencies during the year.

Submitted in Semi-Annual Report every January and July.

CRR-10

CRR-10: The project operator shall report and provide copies of all incidents, complaints, notices of violation, notices of fines, official warnings, and citations, within seven days of receipt or occurrence, to the CPM. Complaints shall be logged and numbered.

No incidents, complaints, official warnings, and citations in Q3 2025.

CRR-11

CRR-11: At the end of the life of the permit, to ensure that a planned facility closure does not create adverse environmental, health, and safety impacts, the project operator shall submit a facility closure plan to the CEC for review and approval at least 6 months (or other time period agreed to by the CPM) prior to commencement of closure activities.

Facility is currently operational.

CRR-12

CRR-12: The project operator shall comply with the terms and conditions of the Authority to Construct (ATC) and the Permit to Operate (PTO) issued by the Placer County Air Pollution Control District (PCAPCD).

In the event that the air district finds the project to be out of compliance with the terms and conditions of the ATC/PTO, the project operator shall notify the CPM of the violation, and the measures taken to return to compliance, within five days.

						2025 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(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 7/28/25	Time 19:10 ☐ AM ☒ PM
7. Start of Non-Compliance Event Date 7/28/25	Time 19:00 ☐ AM ☒ PM ☐ Not known
8. Violation Permit No. REPR-20-03 Condition No. 34 a., 34 b. iii., 35 a. i.	Rule Section
9. Unit / Equipment Involved CT5	
10. Description / Cause of Non-Compliance Event Delay in starting ammonia flow	☐ additional information attached
11. Immediate Corrective Actions Shut down unit	☒ 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 TONY JOHNSON	**Telephone** (916) 295 - 9804
Signature [signature]	Date 7/29/25 Time 14:30 ☒ 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 7/28/25	Time 19:50 ☐ AM ☑ PM
15. Duration of Non-Compliance Event Hours 0	Minutes 50
16. Excess Emissions Estimates NOx (circled) SOx PM	
VOC CO Opacity %, for minutes	Other See Memo
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 Tony Johnson	**Telephone** (916) 295 9804
I certify under penalty of law that I am the responsible official for this facility, or his/her duly designated representative, and based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.	
Signature [signature]	Date 7/30/25 Time 09:30 ☑ AM ☐ PM

CITY OF ROSEVILLE CALIFORNIA

Memorandum
Roseville Energy Park

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

From: Tony Johnson, Power Plant Operations Supervisor

Date: July 30, 2025

Subject: Non-Compliance Event Notifications #2025-013, #2025-014

Bruce,

This memo provides supplemental information regarding Non-Compliance Event Notifications #2025-013 and #2025-014, submitted on July 29, 2025, for RPEAK Combustion Turbines CT5 and CT6.

The event occurred when both combustion turbines were dispatched to run at 19:00. Both units synchronized normally; however, the ammonia forwarding pump controllers were inadvertently left in "Manual" mode instead of "Auto" following a recent reboot of the Programmable Logic Controller (PLC). This oversight by the Control Room Operator (CRO) resulted in a delay in automatic ammonia injection.

Approximately 10 minutes after startup, the CRO identified the error and switched both units' pump controllers to "Auto," enabling ammonia flow around 19:12. The units did not achieve compliance with NOx limits until approximately 19:35. After each unit received three excess emissions alarms, the decision was made to shut them down at approximately 19:50.

This delay resulted in the following permit condition violations:

- Condition 35.a.i – Startup NOx Emissions (limit: 3.1 lbs)
  - CT5: 4.77 lbs
  - CT6: 4.48 lbs
- Condition 34.a – Hourly NOx Emissions (limit: 2.71 lbs/hr)
  - CT5: 5.31 lbs/hr
  - CT6: 3.65 lbs/hr
- Condition 34.b.iii – 1-Hour NOx Concentration (limit: 2.5 ppmvdc)
  - CT5: 5.3 ppmvdc
  - CT6: 3.8 ppmvdc

Both units were tested the following day (July 29) and operated without alarms or excess emissions. In response to the incident, the startup procedure was revised to include a verification step ensuring ammonia pump controllers are set to "Auto" before unit startup. Please see the attached operational checklists (original and updated versions) for reference.

Tony Johnson
(916) 295-9804

ajohnson@roseville.ca.us

Figure 1: RPEAK CRO Combustion Turbine Operation Checklist

CT5	CT6	Procedure	Date _____	CRO Review _____
		Start-Up		
1.		Unit Commitment received: Time – CT5 _____ CT6 _____		
2.		Start Demin pumps in manual from DCS. Instruct BOP operator to purge Demin lines and verify water injection valve line-up at each unit.		
3.		Verify no active Alarms (Inverted Triangle Icon - Alarms) Verify Database Recorder is Enabled (Hand with Pencil Icon, then select 4)		
4.		Verify AVR and Synchronizer are in Auto (Open Book Icon – Unit Information)		
5.		Verify Start Permissives (Sad Face Icon) Ensure ***NH3 Pumps are in Auto***		
6.		On AFCU Control Panel – Verify blowers in Lead/Lag and panel setpoints below: ***PID Control Tab***: NOx – 2.2ppm, Heater – 650, Temp Air – 825		
7.		CT6 PCM RPEAK Demin Skid MCC Breaker – Verify HOA is in HAND		
8.		Select Run Tab and Start Permissives should all be green.		
9.		Select *Peak Load Start* on the Control Tab (Must be within 30 seconds of selecting the Run Tab) 10 minutes from Start to Breaker Closed		
10.		Verify DAHS Start-Up bit is active and SUSD Event is accumulating data.		
11.		Verify TA Fan, Ammonia Pump / Blower starts in Auto from BOP HMI screen (1500 RPM NGG HP Rotor Speed)		
12.		Verify combustion turbine Flame On (Eye Glass Icon – Turbine Overview)		
13.		CTG-Breaker Closed Time (Open Book Icon – Unit Information)		
14.		Adjust Voltage as needed to maintain slightly positive MVARs (Control Tab)		
15.		Select MW and input load of 28MW (Control Tab)		
16.		Verify **Water Injection was enabled in auto at 4MW** (Tornado Icon – Water Injection) Verify **NH_3 injection**. On TA fans page, permissive TE403 (218°F), TE 202A/B average > 450°F.		
17.		Verify DAHS Start-Up bit is clear ~10 minutes after CTG Breaker closed.		
18.		Initiate CEMS Calibration after Start-Up bit has cleared and emissions are stable.		
19.		**Email Start-Up notification with *Generation Real-Time Update* templates.**		
		Shutdown		
1.		Select Normal Stop and confirm unit is unloading (Run Tab)		
2.		Verify DAHS Shut-Down bit is active and SUSD Event is accumulating data.		
3.		CTG-Breaker Open Time (Stop button to breaker open at 27 MW is 2 minutes)		
4.		Flame Off (5 minutes after Breaker Open)		
5.		Verify TA Fan, Ammonia Pump & Blower stops in AUTO (1500 RPM NGG HP Rotor Speed), DAHS Shut-Down bit is cleared.		
6.		**Email Shut-Down notification with *Generation Real-Time Update* templates.**		

Figure 1: RPEAK CRO Combustion Turbine Operation Checklist

CT5	CT6	Procedure	Date _____	CRO Review _____
		Start-Up		
1.		Unit Commitment received: Time – CT5 _____ CT6 _____		
2.		Start Demin pumps in manual from DCS. Instruct BOP operator to purge Demin lines and verify water injection valve line-up at each unit.		
3.		Verify no active Alarms (Inverted Triangle Icon - Alarms) Verify Database Recorder is Enabled (Hand with Pencil Icon, then select 4)		
4.		Verify AVR and Synchronizer are in Auto (Open Book Icon – Unit Information)		
5.		Verify Start Permissives (Sad Face Icon)		
6.		On AFCU Control Panel – Verify blowers in Lead/Lag and panel setpoints below: ***PID Control Tab***: NOx – 2.0, Heater – 650, Temp Air – 825		
7.		CT6 PCM RPEAK Demin Skid MCC Breaker – Verify HOA is in HAND		
8.		Select Run Tab and Start Permissives should all be green.		
9.		Select Min Load Start on the Control Tab (Must be within 30 seconds of selecting the Run Tab) 10 minutes from Start to Breaker Closed		
10.		Verify DAHS Start-Up bit is active and SUSD Event is accumulating data.		
11.		Verify TA Fan, Ammonia Pump / Blower starts in Auto from BOP HMI screen (1500 RPM NGG HP Rotor Speed)		
12.		Verify combustion turbine Flame On (Eye Glass Icon – Turbine Overview)		
13.		CTG-Breaker Closed Time (Open Book Icon – Unit Information)		
14.		Adjust Voltage as needed to maintain slightly positive MVARs (Control Tab)		
15.		Select MW an input load of 30MW (Control Tab)		
16.		Verify **Water Injection was enabled in auto at 4MW** (Tornado Icon – Water Injection) Verify **NH_3 injection**. On TA fans page, permissive TE403 (218°F), TE 202A/B average > 450°F.		
17.		Verify DAHS Start-Up bit is clear 30 minutes after CTG-Start Initiate.		
18.		Verify CEMS Auto Calibration starts 30 minutes after CTG-Start Initiate.		
19.		**Email Start-Up notification with *RPEAK DWR Real-Time Update & Generation Real-Time Update* templates.**		
		Shutdown		
1.		Select Normal Stop and confirm unit is unloading (Run Tab)		
2.		Verify DAHS Shut-Down bit is active and SUSD Event is accumulating data.		
3.		CTG-Breaker Open Time (Stop button to breaker open at 27 MW is 2 minutes)		
4.		Flame Off (5 minutes after Breaker Open)		
5.		Verify TA Fan, Ammonia Pump & Blower stops in AUTO (1500 RPM NGG HP Rotor Speed), DAHS Shut-Down bit is cleared.		
6.		**Email Shut-Down notification with *RPEAK DWR Real-Time Update & Generation Real-Time Update* templates.**		

NOx Ppmvdc 1-Hour Block Excess Emissions

CT5

From: 07/28/2025 00:00 **To:** 07/28/2025 23:59 **Facility Name:** ROSEVILLE ENERGY
Generated: 07/29/2025 07:48 **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	07/28/25 18:00	07/28/25 18:59	1	5.3	2.5	2 - Control equipment problems	19 - SHUT DOWN UNIT FOR REPAIR

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
2	Reason	Control equipment problems	1	100.00
19	Action	SHUT DOWN UNIT FOR REPAIR	1	100.00

34 b. iii

NOx LbPerHr 1-Hour Block Excess Emissions

CT5

From: 07/28/2025 00:00 **To:** 07/28/2025 23:59 **Facility Name:** ROSEVILLE ENERGY
Generated: 07/29/2025 07:47 **Location:** Roseville, CA

Tag Name: CT5_NOx_Norm_LbPerHr_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	07/28/25 18:00	07/28/25 18:59	1	5.31	2.71	2 - Control equipment problems	19 - SHUT DOWN UNIT FOR REPAIR

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
2	Reason	Control equipment problems	1	100.00
19	Action	SHUT DOWN UNIT FOR REPAIR	1	100.00

Startup/Shutdown Event Report

CT5 - NOx Lbs Per Startup/Shutdown

From: 07/28/2025 00:00 **To:** 07/28/2025 23:59 **Facility Name:** ROSEVILLE ENERGY
Generated: 07/29/2025 07:49 **Location:** Roseville, CA
Tag Name: CT5_NOx_LbPerHr_1M
SI = SampleInvalid, * = Excess Emission

Total Operating Time: 1.05 Hours
Non-Operating Time: 22.95 Hours Report Time: 24.00 Hours

Unit Operation and Excess Events

Event Period				Reason	Action
Begin/End	Duration in Minute(s)	Lb/Event	Limit	Code - Description	Code - Description
07/28/2025 17:55 07/28/2025 18:24 Startup	30	4.77 *	3.10		
07/28/2025 18:50 07/28/2025 18:57 Shutdown	8	0.12	3.40		

Total Duration of Excess Emission	**30**	**Minute(s)**
Time of Excess Emission as a percentage of operating time	**47.62**	**%**
Time in compliance as percentage of operating time	**52.38**	**%**

35 a.i

Sample Spreadsheet Listing

	CT5_NH3Slip_Ppmvdc_1M			CT5_NOx_Ppmvdc_1M			CT5_ExhaustFlow_LbPerHr_1M			CT5_NH3Inj_LbPerHr_1M			CT5_Load_MWe_1M			CT5_NOx_SUSD_Lbs_1M		
Date/Time	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**
07/28/25 17:52	0			-0.3			0			0			0			0		
07/28/25 17:53	0			-0.2			0			0			0			0		
07/28/25 17:54	0			-0.2			0			0			0			0		
07/28/25 17:55	0			-0.2			0			-0.1			0			0		
07/28/25 17:56	0			-5.9			1848722.9			0			0			0		
07/28/25 17:57	0			15.55			213505.7			0			0			0.03		
07/28/25 17:58	0			14.26			251631.7			0.1			0			0.07		
07/28/25 17:59	0			12.51			228420			0			0			0.1		
07/28/25 18:00	0			9.34			245925.8			0			0.2			0.12		
07/28/25 18:01	0			5.24			377352.5			0.1			3.3			0.14		
07/28/25 18:02	0			3.35			606618			0			14.4			0.17		
07/28/25 18:03	-5.3			2.28			609033.5			4.3			25.3			0.21		
07/28/25 18:04	0			10.37			578270.6			0			28.1			0.39		
07/28/25 18:05	0			20.52			572296.8			0			28.3			0.74		
07/28/25 18:06	0			21.4			570048.4			-0.1			28.3			1.11		
07/28/25 18:07	0			22.17			577440.6			0			28.3			1.49		
07/28/25 18:08	0			22.71			566236.2			0			27.8			1.87		
07/28/25 18:09	0			24.07			591895.7			0			27.8			2.27		
07/28/25 18:10	1			25.4			632256.3			8.4			27.8			2.69		
07/28/25 18:11	22			24.99			676495.6			151.8			27.8			3.11		
07/28/25 18:12	7.5			3.5			691305.7			83.5			27.8			3.17		
07/28/25 18:13	2.8			2.23			704349.2			54.2			27.8			3.21		
07/28/25 18:14	3.4			4.9			698664.8			53.9			27.7			3.29		
07/28/25 18:15	4			7.68			700215.1			54			27.8			3.42		
07/28/25 18:16	4.1			8.57			698406.4			53.1			27.8			3.56		
07/28/25 18:17	3.8			8.85			714997.5			53.2			27.8			3.71		
07/28/25 18:18	3.9			8.96			711047.3			52.9			27.8			3.86		
07/28/25 18:19	3.9			8.96			713417.4			53.1			27.8			4.01		
07/28/25 18:20	3.9			8.96			711047.3			53			27.8			4.16		
07/28/25 18:21	3.9			9.08			709993.9			52.9			27.8			4.31		
07/28/25 18:22	3.9			9.08			712364			53.1			27.8			4.46		
07/28/25 18:23	4			9.08			711310.6			53			27.8			4.61		

	CT5_NH3Slip_Ppmvdc_1M			CT5_NOx_Ppmvdc_1M			CT5_ExhaustFlow_LbPerHr_1M			CT5_NH3Inj_LbPerHr_1M			CT5_Load_MWe_1M			CT5_NOx_SUSD_Lbs_1M		
Date/Time	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**
07/28/25 18:24	4			9.19			711574			53.1			27.8			4.76		
07/28/25 18:25	4			9.19			710783.9			53			27.8			0		
07/28/25 18:26	4			9.3			711047.3			53.1			27.8			0		
07/28/25 18:27	4			9.3			710257.2			53			27.8			0		
07/28/25 18:28	4			9.19			710520.6			53			27.8			0		
07/28/25 18:29	4			9.08			711047.3			53.1			27.8			0		
07/28/25 18:30	4			9.08			709993.9			53			27.8			0		
07/28/25 18:31	4			9.19			709730.5			53			27.8			0		
07/28/25 18:32	4			9.19			709467.2			53			27.8			0		
07/28/25 18:33	4			9.19			709467.2			53			27.8			0		
07/28/25 18:34	4			9.19			709467.2			53			27.8			0		
07/28/25 18:35	4			9.19			709467.2			53			27.8			0		
07/28/25 18:36	7.1			9.19			709730.5			75			27.8			0		
07/28/25 18:37	13.9			6.13			709467.2			127.1			27.8			0		
07/28/25 18:38	7.2			1.25			709730.5			87.7			27.8			0		
07/28/25 18:39	7.8			1.59			709203.8			91			27.8			0		
07/28/25 18:40	12			2.27			709203.8			119.7			27.8			0		
07/28/25 18:41	13.7			2.27			709730.5			131.3			27.8			0		
07/28/25 18:42	14.2			1.48			709467.2			136			27.8			0		
07/28/25 18:43	13.6			1.13			709203.8			132			27.8			0		
07/28/25 18:44	13.2			1.13			709730.5			129.2			27.8			0		
07/28/25 18:45	12.4			1.13			709203.8			123.5			27.8			0		
07/28/25 18:46	12.1			1.13			709467.2			121.1			27.8			0		
07/28/25 18:47	11.3			1.25			708677.1			115.3			27.8			0		
07/28/25 18:48	10.5			1.25			708940.5			110.1			27.8			0		
07/28/25 18:49	10.5			1.25			709203.8			110.1			27.8			0		
07/28/25 18:50	11.1			1.36			684448.8			110.1			26.4			0.02		
07/28/25 18:51	7.3			1.51			541359.7			68.9			16.7			0.04		
07/28/25 18:52	0.2			1.84			288007.1			18.2			2.9			0.05		
07/28/25 18:53	-6.4			5.9			356050.3			11.2			0			0.06		
07/28/25 18:54	-2			6.46			254321.7			12.7			0			0.08		
07/28/25 18:55	-0.2			6.93			235183.8			15			0			0.1		
07/28/25 18:56	0.2			7.18			235183.8			16.9			0			0.12		
07/28/25 18:57	5			6.67			132774.6			16.1			0			0.13		
07/28/25 18:58	245.8			1.9			1521.6			3.9			0			0		

	CT5_NH3Slip_Ppmvdc_1M			CT5_NOx_Ppmvdc_1M			CT5_ExhaustFlow_LbPerHr_1M			CT5_NH3Inj_LbPerHr_1M			CT5_Load_MWe_1M			CT5_NOx_SUSD_Lbs_1M		
Date/Time	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**	**Value**	**SI**	**Modc**
07/28/25 18:59	0			0.8			0			0			0			0		
07/28/25 19:00	0			0.1			0			0.1			0			0		

				-		2 0 2 5	0 1 4

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 7/28/25 Time 19:10	☐ AM ☒ PM
7. **Start of Non-Compliance Event** Date 7/28/25 Time 19:00	☐ AM ☒ PM ☐ Not known
8. **Violation** Permit No. REPR-20-04 Condition No. 34 a., 34 b.iii., 35 a. i.	Rule Section
9. **Unit / Equipment Involved** CT6	
10. **Description / Cause of Non-Compliance Event** Delay in starting ammonia flow	☐ additional information attached
11. **Immediate Corrective Actions** Shut down unit	☐ 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** TONY JOHNSON	**Telephone** (916) 295 - 9804
Signature *Tony Johnson*	**Date** 7/29/25 **Time** 14:30 ☐ 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 7.28.25 Time 19:50	☐ AM ☑ PM
15. **Duration of Non-Compliance Event** Hours 0	Minutes 50
16. **Excess Emissions Estimates** (NOx) SOx PM	
VOC CO Opacity %, for minutes	Other See MEMO
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** TONY JOHNSON	**Telephone** (916) 295-9804
I certify under penalty of law that I am the responsible official for this facility, or his/her duly designated representative, and based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.	
Signature *Tony Johnson*	**Date** 7/30/25 **Time** 09:30 ☑ AM ☐ PM