

DOCKETED	
Docket Number:	21-TPG-01
Project Title:	Roseville Energy Park Temporary Power Generators
TN #:	268362
Document Title:	RPEAK (REPR-20-03 AND 04) Quarterly CEMS Report - Fourth Quarter 2025 - Part 1s
Description:	N/A
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RPEAK

Roseville Energy Park Temporary Generators (21-TPG-01)

Quarterly Operational Report

2025-Q4

Reporting Period: October 1, 2025 – December 31, 2025

Prepared on: January 1, 2026

Submitted to:

California Energy Commission

QUARTERLY OPERATIONAL REPORT

Part I. Identification

- a. Quarterly emission report period: **OCTOBER 1, 2025 – DECEMBER 31, 2025**
- b. Reporting date: **JANUARY 1, 2026**
- 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)	Nat'l 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 PD. 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)	Nat'l 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 PD. 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 O₂ 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 (Jan 26, 2026 09:05:09 PST)

TITLE: POWER GENERATION SUPERINTENDENT

DATE: JANUARY 21, 2026

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, NO_x)
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 Q4 2025: 121

Total number 678

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 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 Q4 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 Q4 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 Q4 2025. We received three NOV's in Q4 2025. Two violation were for events that occurred in Q3 2025, and the other was for an event that occurred in Q2 2025. NOV 5585, 5949, & 7004 attached and signed.

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.

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:	4
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	686	619	6,752	7,084	0	204,796				
November	256	187	2,529	2,664	0	135,149				
December	89	75	968	1,023	0	398,637				
Annual Total (2)	14,692	13,661	145,512	153,142	0	1,343,001	0	0	0	0

Notes:	<i>Gross MWh includes plant parasitic load. Net MWh does not include parasitic load.</i>
(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)	