

DOCKETED	
Docket Number:	03-AFC-01C
Project Title:	Roseville Energy Park Compliance
TN #:	262751-7
Document Title:	Roseville Energy Park Quarterly Air Quality Report - Q1 2025 - Part 1s
Description:	N/A
Filer:	Roseville Electric Compliance
Organization:	Roseville Electric
Submitter Role:	Public Agency
Submission Date:	4/23/2025 7:58:04 AM
Docketed Date:	4/23/2025



REP
Roseville Energy Park
(03-AFC-01C)

Quarterly Air Quality Report

2025-Q1

Reporting Period: January 1, 2025 – March 31, 2025
Prepared on: April 1, 2025

Submitted to:

California Energy Commission

QUARTERLY AIR QUALITY REPORT

Part I. Identification

- a. Quarterly emission report period: **JANUARY 1, 2025 – MARCH 31, 2025**
- b. Reporting date: **APRIL 1, 2025**
- c. Person completing report: **JULIE MANFREDI**
- d. Plant name: **ROSEVILLE ENERGY PARK**
- e. Plant location:
5120 PHILLIP ROAD
ROSEVILLE, CA 95747
- f. Person responsible for review and 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. Measuring Instrumentation Information:

Monitor	Type	Manufacturer	Serial No.	Model No.	Available for Operation
Combustion Turbine Generator #1 (CT1)	Natl Gas Fired, Combined Cycle with Dry Low Nox Combustors	Siemens	B005712	SGT800	2007
CT1 SCR Catalyst	Ammonia Injection System within the Heat Recovery Steam Generator	Peerless	70373		2007
CT1 Oxidation Catalyst			017421-CV		2007
Combustion Turbine Generator #2 (CT2)	Natl Gas Fired, Combined Cycle with Dry Low Nox Combustors	Siemens	B005713	SGT800	2007
CT2 SCR Catalyst	Ammonia Injection System within the Heat Recovery Steam Generator	Peerless	70373		2007
CT2 Oxidation Catalyst			017421-CV		2007
EMERGENCY GENERATOR ENGINE	Diesel Engine	Caterpillar	AFN01451	3412CDITA	2007
FIRE PUMP ENGINE	Diesel Engine	Clarke	CD6068B003958	JU6H-UF60	2007

Part III. Excess Emissions by Pollutant

SEE ATTACHED

Part IV. CEMS Span and Range

Combined-Cycle Turbine CEMS Span and Range

GAS	SPAN VALUE	RANGE
SCR Inlet NOx	30 ppm	0-30 ppm
	200 ppm	0-200 ppm
Stack NOx	10 ppm	0-10 ppm
	200 ppm	0-200 ppm
Oxygen	20.9%	0-25%
CO	10 ppm	0-10 ppm
	200 ppm	0-200 ppm

Part V. Types of Fuels Combusted

NATURAL GAS

Part VI. Continuous Emissions Monitoring System Operation Changes and Failures

SEE ATTACHED

Part VII. 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 (Apr 22, 2025 11:00 PDT)

TITLE: POWER GENERATION SUPERINTENDENT

DATE: APRIL 17, 2025

LIST OF ATTACHMENTS

I. PERMIT CONDITIONS (OTHER)

REP CONDITION #	DESCRIPTION
AQ-20	Sulfur content of fuel
AQ-21	Startup and shutdown emission limits
AQ-47, AQ-69, AQ-90 & AQ-103	No emissions are permitted, from any source, which are a nuisance per PCAPCD Rule 205, Nuisance.
AQ-48, AQ-91 & AQ-104	Stack emissions opacity, nuisance complaints for more than 3 minutes
AQ-86	Diesel Fire pump maintenance and testing log, limited to 50 hours per year
AQ-87	Diesel Fire pump operation limited to 24 hours.
AQ-88 & AQ-101	Sulfur content of diesel fuel
AQ-89 & AQ-102	Diesel engine operation and maintenance records
AQ-99	Emergency Generator maintenance and testing log, limited to 50 hours per year. Logs kept for 5 years.
AQ-100	Emergency Generator operation limited to 24 hours.

II. EMISSIONS OVERVIEW

REP CONDITION #	DESCRIPTION
AQ-15	Selective catalytic reduction (SCR) system and an oxidation catalyst on the gas turbine
AQ-32	NOX & CO Hourly/Daily/Quarterly Emissions
AQ-33	SOX - Hourly/Daily/Quarterly Emissions
AQ-51	Ammonia slip exceedances
AQ-54 thru AQ-63 & AQ-71 (AQ-SC6)	Fuel use emission and operational data - Hourly/Daily/Quarterly
AQ-70	PM10 emissions rate from cooling tower shall not exceed lbs per day or quarter limits

III. EMISSIONS DEVIATIONS

REP CONDITION #	DESCRIPTION
AQ-34	Records: occurrence, duration, and type of any startup, shutdown, or malfunction; performance testing, evaluations, calibrations, checks, adjustments, any period during which a continuous monitoring system or monitoring device was inoperative, maintenance of any continuous emission monitor; emission measurements, total daily and rolling twelve-month average hours of operation, hourly quantity of fuel used, and gross three-hour average operating load.
AQ-36 thru AQ-38, AQ-41, & AQ-117	PCAPCD notifications/corrective action: breakdowns, excess emissions, CEMS inoperable, or a negative declaration when no excess emissions occurred.
AQ-40	CEMS quality assurance test failures

I. Permit Conditions (Other)

AQ-20

AQ-20 The gas turbine engine shall be fired exclusively on pipeline quality natural gas with sulfur content no greater than 0.50 grains of sulfur compounds per 100 dry scf of natural gas.

Verification: The Project owner shall submit to the CPM the most recent fuel testing analysis performed as part of the Quarterly Air Quality Report required by the Condition of Certification AQ-SC6



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> [Gas System Sulfur Survey Results](#)

Gas System Sulfur Survey Results

[Gas Quality Information](#)

[Therm Factor Heating Values](#)

[Sulfur Information](#)

[Gas System Sulfur Survey Results](#)

Note: Starting Q4 2022, we began breaking sulfur data down monthly. Data will still be updated on a quarterly basis just with additional granularity.

Jump to:

[2021 - 2025](#)

[2016 - 2020](#)

[2011 - 2015](#)

[2006 - 2010](#)

2021 - 2025

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2025

Date	Total Sulfur Maximum		Total Sulfur Average all sites	
	PPMv	gr/100 scf	PPMv	gr/100 scf
2025				
First Quarter	4.5	0.26	2.8	0.17
First Quarter - January	4.1	0.24	2.8	0.17
First Quarter - February	4.4	0.26	3.1	0.18
First Quarter - March	4.5	0.26	2.9	0.17

AQ20 ROSEVILLE ENERGY PARK

1Q25

Fuel Quality Analysis BTU values

	JAN	FEB	MAR
1	1054.46	1053.18	1050.62
2	1055.09	1052.45	1048.20
3	1055.84	1054.92	1046.61
4	1056.42	1056.75	1048.27
5	1057.29	1058.66	1052.04
6	1057.36	1058.01	1052.09
7	1058.30	1056.85	1050.79
8	1055.97	1058.75	1051.85
9	1057.11	1060.05	1045.85
10	1057.08	1058.62	1044.62
11	1054.83	1057.04	1044.84
12	1054.14	1056.63	1047.12
13	1056.66	1,051.48	1047.12
14	1054.56	1056.87	1047.12
15	1054.40	1056.69	1051.19
16	1054.06	1057.30	1053.70
17	1053.64	1056.86	1055.01
18	1057.22	1057.47	1055.72
19	1055.34	1056.09	1056.27
20	1053.81	1054.83	1056.83
21	1055.96	1055.41	1055.52
22	1057.13	1056.16	1053.61
23	1056.39	1058.39	1051.14
24	1055.46	1056.94	1051.98
25	1055.09	1055.76	1057.23
26	1052.10	1059.71	1059.85
27	1053.20	1047.79	1058.37
28	1055.94	1051.76	1057.82
29	1053.79		1056.58
30	1053.78		1052.89
31	1053.58		1050.43

http://www.pge.com/pipeline/operations/gas_quality/p01_2_weeks.shtml

AQ-21

AQ-21 Startup is defined as the period beginning with the turbine light-off until the unit meets the lb/hr and ppmv emission limits in Conditions of Certification AQ-52, -54 and -55. Shutdown is defined as the period beginning with initiation of turbine shutdown sequence and ending with cessation of firing of the gas turbine engine. Startup and shutdown durations shall not exceed 3.0 hours and one hour, respectively, per occurrence.

Verification: The Project owner shall identify and submit to the CPM as part of the Quarterly Air Quality Report all startups and shutdowns for all units including the maximum hourly emission rate, total emissions and duration.

Sample Spreadsheet Listing

	CT1_GasFlow_CT_scfh_1M			CT1_CO_Ppmvdc_1M			CT1_NOx_Ppmvdc_1M			CT1_CO_LbPerHr_1M			CT1_NOx_LbPerHr_1M			CT1_SUSDTF_1M		
Date/Time	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc
01/07/25 5:39	93990.3			0			0			0			0			0		
01/07/25 5:40	94463.9			0			0			0			0			0		
01/07/25 5:41	94452.4			0			0			0			0			0		
01/07/25 5:42	94845.2			0			0			0			0			0		
01/07/25 5:43	88855.3			0			0			0			0			0		
01/07/25 5:44	90143.3			-0.2			0			0			0			1		
01/07/25 5:45	79128.1			-0.2			0			0			0			1		
01/07/25 5:46	78146.2			1907.7			23.6			351.44			7.16			1		
01/07/25 5:47	92482.7			1132.8			14.75			246.98			5.29			1		
01/07/25 5:48	98010.5			682			19.44			157.54			7.39			1		
01/07/25 5:49	113046			436.3			23.91			116.22			10.48			1		
01/07/25 5:50	148968.2			310.9			29.5			109.2			17.05			1		
01/07/25 5:51	163235.4			192.8			41.3			74.19			26.15			1		
01/07/25 5:52	173505.4			805			47.59			329.2			32.03			1		
01/07/25 5:53	190562.5			1900.7			37.43			853.92			27.67			1		
01/07/25 5:54	211039.2			1689.2			44.25			840.19			36.22			1		
01/07/25 5:55	232180			482.1			52.81			263.84			47.57			1		
01/07/25 5:56	251137.5			28.2			53.6			16.72			52.23			1		
01/07/25 5:57	273046.7			2.8			70.57			1.83			74.75			1		
01/07/25 5:58	299842.4			1.9			87.98			1.32			102.33			1		
01/07/25 5:59	321653.4			1.7			51.99			1.26			64.88			1		
01/07/25 6:00	339958.1			1.7			28.73			1.37			37.89			1		
01/07/25 6:01	354081			1.9			17.53			1.55			24.08			1		
01/07/25 6:02	289335.5			1.8			14.19			1.22			15.93			1		
01/07/25 6:03	183157.5			2			19.84			0.85			14.1			1		
01/07/25 6:04	175636.9			688.7			34.44			285.06			23.46			1		
01/07/25 6:05	188003.7			1737.6			36.24			770.15			26.44			1		
01/07/25 6:06	196772			1643.2			33.33			762.15			25.44			1		
01/07/25 6:07	206805.2			880.3			30.98			429.17			24.85			1		
01/07/25 6:08	227784.4			232.6			33.71			124.92			29.8			1		
01/07/25 6:09	247550.5			25.4			35.78			14.82			34.37			1		
01/07/25 6:10	268015.6			2.5			35.63			1.58			37.04			1		

	CT1_GasFlow_CT_scfh_1M			CT1_CO_Ppmvdc_1M			CT1_NOx_Ppmvdc_1M			CT1_CO_LbPerHr_1M			CT1_NOx_LbPerHr_1M			CT1_SUSD_TF_1M		
Date/Time	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc
01/07/25 6:11	294776.7			1.3			52.38			0.93			59.89			1		
01/07/25 6:12	307842.5			1.2			30.06			0.88			35.9			1		
01/07/25 6:13	308887.9			1.2			17.35			0.9			20.79			1		
01/07/25 6:14	308749.3			1.2			14.53			0.9			17.4			1		
01/07/25 6:15	308293			1.1			13.3			0.83			15.9			1		
01/07/25 6:16	318303.2			1			12.94			0.73			15.99			1		
01/07/25 6:17	336140.1			0.9			10.28			0.71			13.41			1		
01/07/25 6:18	349621.7			0.9			8.45			0.73			11.46			1		
01/07/25 6:19	353439.8			0.8			7.49			0.66			10.26			1		
01/07/25 6:20	353665			0.8			7.13			0.66			9.79			1		
01/07/25 6:21	353867.2			0.8			7.13			0.66			9.79			1		
01/07/25 6:22	353832.5			0.8			7.04			0.66			9.67			1		
01/07/25 6:23	353514.8			0.7			6.96			0.59			9.54			1		
01/07/25 6:24	353705.5			0.7			6.87			0.59			9.43			1		
01/07/25 6:25	352966.1			0.7			6.87			0.59			9.41			1		
01/07/25 6:26	352567.5			0.7			6.96			0.59			9.52			1		
01/07/25 6:27	352007.3			0.7			6.96			0.58			9.5			1		
01/07/25 6:28	352255.6			0.6			7.04			0.51			9.63			1		
01/07/25 6:29	351643.4			0.6			7.04			0.51			9.61			1		
01/07/25 6:30	354797.2			0.7			7.04			0.59			9.7			1		
01/07/25 6:31	360550.3			0.7			5.72			0.61			8			1		
01/07/25 6:32	361110.5			0.6			4.92			0.53			6.89			1		
01/07/25 6:33	360850.7			0.6			5.27			0.53			7.38			1		
01/07/25 6:34	362681.7			0.6			4.2			0.53			5.91			1		
01/07/25 6:35	363132.3			0.6			3.75			0.54			5.29			1		
01/07/25 6:36	363426.8			0.6			3.75			0.54			5.29			1		
01/07/25 6:37	363634.8			0.6			3.93			0.54			5.55			1		
01/07/25 6:38	364229.8			0.6			4.02			0.54			5.68			1		
01/07/25 6:39	362202.3			0.6			3.49			0.53			4.9			1		
01/07/25 6:40	360891.1			0.6			2.91			0.52			4.07			1		
01/07/25 6:41	360758.2			0.6			2.41			0.53			3.38			1		
01/07/25 6:42	359169.8			0.6			2.32			0.53			3.24			1		
01/07/25 6:43	358020.3			0.6			2.32			0.53			3.23			1		
01/07/25 6:44	357321.4			0.6			2.32			0.53			3.22			1		
01/07/25 6:45	359499			0.5			2.32			0.45			3.24			1		

	CT1_GasFlow_CT_scfh_1M			CT1_CO_Ppmvdc_1M			CT1_NOx_Ppmvdc_1M			CT1_CO_LbPerHr_1M			CT1_NOx_LbPerHr_1M			CT1_SUSD_TF_1M		
Date/Time	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc
01/07/25 6:46	361520.7			0.5			2.23			0.46			3.13			1		
01/07/25 6:47	362265.8			0.6			2.06			0.53			2.89			1		
01/07/25 6:48	364559			0.6			1.88			0.54			2.65			1		
01/07/25 6:49	365038.4			0.6			1.7			0.54			2.41			1		
01/07/25 6:50	362034.8			0.6			1.52			0.53			2.13			1		
01/07/25 6:51	361387.8			0.6			1.43			0.53			2			1		
01/07/25 6:52	360931.5			0.6			1.34			0.53			1.88			1		
01/07/25 6:53	360140.2			0.6			1.25			0.53			1.75			1		
01/07/25 6:54	358829			0.6			1.16			0.53			1.62			1		
01/07/25 6:55	357211.6			0.6			1.16			0.53			1.61			1		
01/07/25 6:56	359140.9			0.6			1.16			0.53			1.62			1		
01/07/25 6:57	360631.1			0.6			1.07			0.53			1.5			1		
01/07/25 6:58	359943.8			0.5			1.07			0.46			1.5			0		
01/07/25 6:59	361110.6			0.6			1.16			0.53			1.63			0		
01/07/25 7:00	362069.5			0.6			1.25			0.53			1.76			0		
01/07/25 7:01	363351.7			0.6			1.25			0.54			1.76			0		
01/07/25 7:02	364316.4			0.6			1.34			0.54			1.89			0		

Sample Spreadsheet Listing

	CT1_GasFlow_CT_scfh_1M			CT1_CO_Ppmvdc_1M			CT1_NOx_Ppmvdc_1M			CT1_CO_LbPerHr_1M			CT1_NOx_LbPerHr_1M			CT1_SUSD_TF_1M		
Date/Time	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc
01/07/25 5:56	251137.5			28.2			53.6			16.72			52.23			1		
01/07/25 5:57	273046.7			2.8			70.57			1.83			74.75			1		
01/07/25 5:58	299842.4			1.9			87.98			1.32			102.33			1		
01/07/25 5:59	321653.4			1.7			51.99			1.26			64.88			1		
01/07/25 6:00	339958.1			1.7			28.73			1.37			37.89			1		
01/07/25 6:01	354081			1.9			17.53			1.55			24.08			1		
01/07/25 6:02	289335.5			1.8			14.19			1.22			15.93			1		
01/07/25 6:03	183157.5			2			19.84			0.85			14.1			1		
01/07/25 6:04	175636.9			688.7			34.44			285.06			23.46			1		
01/07/25 6:05	188003.7			1737.6			36.24			770.15			26.44			1		
01/07/25 6:06	196772			1643.2			33.33			762.15			25.44			1		
01/07/25 6:07	206805.2			880.3			30.98			429.17			24.85			1		
01/07/25 6:08	227784.4			232.6			33.71			124.92			29.8			1		

Sample Spreadsheet Listing

	CT1_GasFlow_CT_scfh_1M			CT1_CO_Ppmvdc_1M			CT1_NOx_Ppmvdc_1M			CT1_CO_LbPerHr_1M			CT1_NOx_LbPerHr_1M			CT1_SUSD_TF_1M		
Date/Time	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc
02/06/25 23:53	448972.3			0.7			1.37			0.87			2.7			0		
02/06/25 23:54	448983.9			0.7			1.37			0.78			2.43			0		
02/06/25 23:55	444045.2			1.1			1.39			1.18			2.4			0		
02/06/25 23:56	426849.5			1.5			1.36			1.56			2.26			0		
02/06/25 23:57	405223.4			1.5			1.27			1.39			2			0		
02/06/25 23:58	382407.4			1			1.32			0.87			1.96			1		
02/06/25 23:59	361630.4			0.7			1.3			0.59			1.83			1		
02/07/25 0:00	339051.3			0.7			1.3			0.56			1.72			1		
02/07/25 0:01	315409.3			0.8			1.39			0.58			1.7			1		
02/07/25 0:02	293020.7			0.7			1.48			0.48			1.68			1		
02/07/25 0:03	272012.7			0.6			1.52			0.4			1.61			1		
02/07/25 0:04	249069.6			0.6			2.4			0.33			2.32			1		
02/07/25 0:05	229534.6			0.3			7.1			0.16			6.34			1		
02/07/25 0:06	206539.5			0.1			12.13			0.05			9.74			1		
02/07/25 0:07	186132.2			37.2			14.26			16.37			10.32			1		
02/07/25 0:08	170184.1			408.3			16.05			164.07			10.62			1		
02/07/25 0:09	153508.3			1485.2			17.7			538.58			10.56			1		
02/07/25 0:10	90183.8			1899.6			17.52			404.39			6.14			1		
02/07/25 0:11	84777.3			0			27.53			1035.08			9.07			0		
02/07/25 0:12	84933.2			0			0.1			0			0			0		
02/07/25 0:13	85539.7			0			0.1			0			0			0		
02/07/25 0:14	85996			0			0.1			0			0			0		
02/07/25 0:15	86157.8			0			0.1			0			0			0		

Sample Spreadsheet Listing

	CT1_GasFlow_CT_scfh_1M			CT1_CO_Ppmvdc_1M			CT1_NOx_Ppmvdc_1M			CT1_CO_LbPerHr_1M			CT1_NOx_LbPerHr_1M			CT1_SUSD_TF_1M		
Date/Time	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc
02/18/25 23:39	0			0			0			0			0			0		
02/18/25 23:40	0			0			0			0			0			0		
02/18/25 23:41	0			0			0			0			0			0		
02/18/25 23:42	0			0			0			0			0			0		
02/18/25 23:43	10899.7			0			0			0			0			0		
02/18/25 23:44	26120			0			0			0			0			1		
02/18/25 23:45	32612.4			0			0			0			0			1		
02/18/25 23:46	43616.1			1282.3			11.8			132.03			2			1		
02/18/25 23:47	54625.5			982.2			8.65			126.63			1.84			1		
02/18/25 23:48	66524.5			634.3			14.75			99.67			3.81			1		
02/18/25 23:49	88861			375.2			21.83			78.7			7.54			1		
02/18/25 23:50	131639.5			244.9			28.7			76.13			14.68			1		
02/18/25 23:51	147044.7			161.1			40.17			55.94			22.95			1		
02/18/25 23:52	159469.3			841.2			45.11			316.73			27.95			1		
02/18/25 23:53	178057.1			1849.4			37.01			777.86			25.62			1		
02/18/25 23:54	199792.9			1602.5			45.65			756.15			35.45			1		
02/18/25 23:55	222476			209.4			52			110			44.96			1		
02/18/25 23:56	242097.8			16.3			52.49			9.35			49.38			1		
02/18/25 23:57	266675.5			2.4			73.2			1.51			75.86			1		
02/18/25 23:58	292928.3			2			76.3			1.38			86.86			1		
02/18/25 23:59	314369.6			1.8			39.78			1.33			48.61			1		
02/19/25 0:00	332177.6			1.9			22.49			1.48			29.03			1		
02/19/25 0:01	346236.8			1.9			14.83			1.59			19.96			1		
02/19/25 0:02	350632.5			1.8			12.57			1.49			17.13			1		
02/19/25 0:03	350938.7			1.6			11.12			1.35			15.16			1		
02/19/25 0:04	355363.3			1.5			9.32			1.22			12.87			1		
02/19/25 0:05	359042.7			1.3			7.64			1.1			10.65			1		
02/19/25 0:06	359949.5			1.1			6.59			0.96			9.22			1		
02/19/25 0:07	360400.1			1.1			6.16			0.9			8.63			1		
02/19/25 0:08	360301.9			1			5.64			0.82			7.89			1		
02/19/25 0:09	360371.2			0.9			5.46			0.75			7.65			1		
02/19/25 0:10	359418.1			0.9			5.37			0.75			7.5			1		

	CT1_GasFlow_CT_scfh_1M			CT1_CO_Ppmvdc_1M			CT1_NOx_Ppmvdc_1M			CT1_CO_LbPerHr_1M			CT1_NOx_LbPerHr_1M			CT1_SUSD_TF_1M		
Date/Time	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc
02/19/25 0:11	359741.6			0.8			5.02			0.67			7.02			1		
02/19/25 0:12	360821.8			0.8			4.83			0.69			6.77			1		
02/19/25 0:13	361422.5			0.7			4.83			0.61			6.78			1		
02/19/25 0:14	361370.5			0.7			4.83			0.61			6.78			1		
02/19/25 0:15	361520.7			0.7			4.76			0.6			6.68			1		
02/19/25 0:16	359216			0.7			4.76			0.6			6.64			1		
02/19/25 0:17	356564.7			0.7			4.84			0.59			6.71			1		
02/19/25 0:18	355536.5			0.7			4.58			0.59			6.33			1		
02/19/25 0:19	354953.1			0.7			4.11			0.6			5.67			1		
02/19/25 0:20	352908.3			0.7			4.23			0.59			5.8			1		
02/19/25 0:21	352377			0.7			4.14			0.59			5.67			1		
02/19/25 0:22	354907			0.7			4.11			0.6			5.67			1		
02/19/25 0:23	355802.3			0.6			4.02			0.53			5.56			1		
02/19/25 0:24	356304.8			0.6			4.02			0.53			5.57			1		
02/19/25 0:25	357610.2			0.6			4.11			0.53			5.72			1		
02/19/25 0:26	358349.5			0.6			4.2			0.53			5.85			1		
02/19/25 0:27	358499.8			0.6			4.11			0.53			5.73			1		
02/19/25 0:28	358875.2			0.6			3.4			0.53			4.74			1		
02/19/25 0:29	357257.9			0.6			2.59			0.53			3.6			1		
02/19/25 0:30	355906.2			0.6			2.5			0.53			3.46			1		
02/19/25 0:31	354878			0.6			2.41			0.52			3.33			1		
02/19/25 0:32	353318.5			0.6			2.41			0.52			3.31			1		
02/19/25 0:33	352642.7			0.6			2.5			0.52			3.43			1		
02/19/25 0:34	352948.8			0.6			2.5			0.52			3.43			1		
02/19/25 0:35	351088.8			0.6			2.5			0.52			3.42			1		
02/19/25 0:36	350314.8			0.6			1.85			0.51			2.52			1		
02/19/25 0:37	353324.2			0.6			1.52			0.52			2.09			1		
02/19/25 0:38	354456.4			0.6			1.43			0.52			1.97			1		
02/19/25 0:39	355871.5			0.6			1.34			0.53			1.85			1		
02/19/25 0:40	357130.8			0.6			1.16			0.53			1.61			1		
02/19/25 0:41	358459.3			0.6			1.07			0.53			1.49			1		
02/19/25 0:42	359631.9			0.6			0.98			0.53			1.37			1		
02/19/25 0:43	357979.9			0.6			0.89			0.53			1.24			1		
02/19/25 0:44	355455.7			0.6			0.88			0.52			1.22			1		
02/19/25 0:45	353549.5			0.6			0.8			0.52			1.11			1		

	CT1_GasFlow_CT_scfh_1M			CT1_CO_Ppmvdc_1M			CT1_NOx_Ppmvdc_1M			CT1_CO_LbPerHr_1M			CT1_NOx_LbPerHr_1M			CT1_SUSD_TF_1M		
Date/Time	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc
02/19/25 0:46	352151.7			0.6			0.8			0.52			1.1			1		
02/19/25 0:47	350465.1			0.6			0.8			0.52			1.1			0		
02/19/25 0:48	349436.9			0.6			0.72			0.52			0.97			0		
02/19/25 0:49	352775.5			0.6			0.72			0.52			0.98			0		
02/19/25 0:50	353844.1			0.6			0.72			0.52			0.98			0		
02/19/25 0:51	354623.9			0.6			0.72			0.52			0.99			0		

Sample Spreadsheet Listing

	CT1_GasFlow_CT_scfh_1M			CT1_CO_Ppmvdc_1M			CT1_NOx_Ppmvdc_1M			CT1_CO_LbPerHr_1M			CT1_NOx_LbPerHr_1M			CT1_SUSD_TF_1M		
Date/Time	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc
03/26/25 9:00	351256.3			0.7			1.07			0.59			1.47			0		
03/26/25 9:01	350442			0.7			1.16			0.59			1.58			0		
03/26/25 9:02	349176.9			0.7			1.16			0.59			1.58			0		
03/26/25 9:03	348420.2			0.7			1.16			0.59			1.58			0		
03/26/25 9:04	347883			0.7			1.16			0.59			1.57			0		
03/26/25 9:05	337543.7			0.7			1.16			0.57			1.53			1		
03/26/25 9:06	297745.7			0.7			1.18			0.51			1.37			0		
03/26/25 9:07	290317.5			0.7			1.41			0.48			1.59			0		
03/26/25 9:08	301765.9			0.7			1.2			0.53			1.41			0		
03/26/25 9:09	320509.7			0.6			1.09			0.48			1.36			0		
03/26/25 9:10	329249.1			0.6			1.07			0.49			1.37			0		

Monthly Summary By Day Report

Units CT1 and CT2

From: 01/01/2025 00:00 To: 03/31/2025 23:59 Facility Name: ROSEVILLE ENERGY

Generated: 04/01/2025 08:03 Location: Roseville, CA

Red = Invalid or Excluded Data | Green = Edited Status | Blue = Edited Value | * = Excess Emission



Limit Value:

	Units CT1 & CT2 CO, Lb 1 Hour(s)	Units CT1 & CT2 NOx, Lb 1 Hour(s)	Units CT1 & CT2 SO2, Lb 1 Hour(s)	Units CT1 & CT2 PM10, Lb 1 Hour(s)	Units CT1 & CT2 VOC, Lb 1 Hour(s)
01/01/2025	0.00	0.00	0.00	0.00	0.00
01/02/2025	0.00	0.00	0.00	0.00	0.00
01/03/2025	0.00	0.00	0.00	0.00	0.00
01/04/2025	0.00	0.00	0.00	0.00	0.00
01/05/2025	0.00	0.00	0.00	0.00	0.00
01/06/2025	0.00	0.00	0.00	0.00	0.00
01/07/2025	113.52	70.21	5.28	10.55	17.65
01/08/2025	31.63	78.99	8.30	16.35	27.69
01/09/2025	24.90	60.31	6.88	13.77	22.94
01/10/2025	27.97	60.22	6.91	13.80	22.97
01/11/2025	23.50	59.16	6.73	13.49	22.48
01/12/2025	23.59	64.29	7.18	14.35	23.90
01/13/2025	26.19	68.68	7.57	15.19	25.30
01/14/2025	29.90	67.27	7.54	15.03	25.07
01/15/2025	29.59	60.53	6.88	13.77	22.96
01/16/2025	31.43	61.27	6.92	13.86	23.08
01/17/2025	31.30	62.97	7.11	14.27	23.75
01/18/2025	30.63	60.98	6.84	13.70	22.83
01/19/2025	31.12	62.03	6.98	13.99	23.29
01/20/2025	27.22	67.02	7.49	14.94	24.88
01/21/2025	26.76	65.29	7.28	14.59	24.29
01/22/2025	29.40	66.96	7.49	14.98	24.99
01/23/2025	39.25	105.01	8.62	16.95	28.82
01/24/2025	40.05	86.82	8.93	17.60	29.94
01/25/2025	28.17	70.56	7.82	15.63	26.08
01/26/2025	28.60	70.00	7.71	15.46	25.74
01/27/2025	26.10	71.51	7.82	15.64	26.02
01/28/2025	42.56	93.80	8.84	17.50	29.58
01/29/2025	38.55	84.15	8.42	16.67	28.04
01/30/2025	31.66	67.01	7.54	15.10	25.12
01/31/2025	25.21	69.47	7.70	15.43	25.76
Monthly Avg/Sum:	838.80 sum	1,754.51 sum	186.78 sum	372.61 sum	623.17 sum
Daily Min:	0.00	0.00	0.00	0.00	0.00
Daily Max:	113.52	105.01	8.93	17.60	29.94
Jan 2025 - Jan 2025	838.80 sum	1,754.51 sum	186.78 sum	372.61 sum	623.17 sum
QTD:	838.80 sum	1,754.51 sum	186.78 sum	372.61 sum	623.17 sum
YTD 2025:	838.80 sum	1,754.51 sum	186.78 sum	372.61 sum	623.17 sum

Monthly Summary By Day Report

Units CT1 and CT2

From: 01/01/2025 00:00 To: 03/31/2025 23:59 Facility Name: ROSEVILLE ENERGY

Generated: 04/01/2025 08:03 Location: Roseville, CA



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Limit Value:

	Units CT1 & CT2 CO, Lb 1 Hour(s)	Units CT1 & CT2 NOx, Lb 1 Hour(s)	Units CT1 & CT2 SO2, Lb 1 Hour(s)	Units CT1 & CT2 PM10, Lb 1 Hour(s)	Units CT1 & CT2 VOC, Lb 1 Hour(s)
02/01/2025	25.88	65.36	7.48	15.00	24.96
02/02/2025	22.33	62.30	7.33	14.56	24.29
02/03/2025	15.51	68.93	7.80	15.59	26.02
02/04/2025	16.28	66.63	7.57	15.13	25.22
02/05/2025	23.12	59.81	6.83	13.76	22.84
02/06/2025	25.58	69.81	7.84	15.67	26.12
02/07/2025	21.96	1.11	0.03	0.05	0.09
02/08/2025	0.00	0.00	0.00	0.00	0.00
02/09/2025	0.00	0.00	0.00	0.00	0.00
02/10/2025	0.00	0.00	0.00	0.00	0.00
02/11/2025	0.00	0.00	0.00	0.00	0.00
02/12/2025	0.00	0.00	0.00	0.00	0.00
02/13/2025	0.00	0.00	0.00	0.00	0.00
02/14/2025	0.00	0.00	0.00	0.00	0.00
02/15/2025	0.00	0.00	0.00	0.00	0.00
02/16/2025	0.00	0.00	0.00	0.00	0.00
02/17/2025	0.00	0.00	0.00	0.00	0.00
02/18/2025	42.04	7.67	0.03	0.05	0.09
02/19/2025	22.14	60.62	6.59	13.13	21.92
02/20/2025	22.88	57.25	6.79	13.50	22.50
02/21/2025	24.31	56.69	6.71	13.35	22.29
02/22/2025	19.71	48.39	5.96	11.87	19.76
02/23/2025	13.08	40.59	5.28	10.47	17.43
02/24/2025	17.02	45.10	5.87	11.62	19.36
02/25/2025	24.46	66.30	7.50	14.71	24.86
02/26/2025	27.10	65.94	8.11	15.93	26.91
02/27/2025	24.69	55.54	6.62	13.22	22.01
02/28/2025	24.48	56.76	6.73	13.44	22.40
Monthly Avg/Sum:	412.57 sum	954.80 sum	111.07 sum	221.05 sum	369.07 sum
Daily Min:	0.00	0.00	0.00	0.00	0.00
Daily Max:	42.04	69.81	8.11	15.93	26.91
Jan 2025 - Feb 2025	1,251.37 sum	2,709.31 sum	297.85 sum	593.66 sum	992.24 sum
QTD:	1,251.37 sum	2,709.31 sum	297.85 sum	593.66 sum	992.24 sum
YTD 2025:	1,251.37 sum	2,709.31 sum	297.85 sum	593.66 sum	992.24 sum

Monthly Summary By Day Report

Units CT1 and CT2

From: 01/01/2025 00:00 To: 03/31/2025 23:59 Facility Name: ROSEVILLE ENERGY

Generated: 04/01/2025 08:03 Location: Roseville, CA

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Limit Value:

	Units CT1 & CT2 CO, Lb 1 Hour(s)	Units CT1 & CT2 NOx, Lb 1 Hour(s)	Units CT1 & CT2 SO2, Lb 1 Hour(s)	Units CT1 & CT2 PM10, Lb 1 Hour(s)	Units CT1 & CT2 VOC, Lb 1 Hour(s)
03/01/2025	19.04	48.47	6.02	12.03	20.01
03/02/2025	12.35	40.75	5.28	10.56	17.55
03/03/2025	14.75	54.20	6.43	12.88	21.46
03/04/2025	20.19	62.33	7.22	14.39	24.01
03/05/2025	15.73	73.70	8.23	16.45	27.44
03/06/2025	22.94	58.49	6.78	13.56	22.60
03/07/2025	23.66	60.05	6.86	13.84	23.07
03/08/2025	22.24	58.71	6.73	13.54	22.55
03/09/2025	20.06	59.11	6.79	13.67	22.75
03/10/2025	21.29	59.60	6.90	13.82	22.98
03/11/2025	20.02	60.99	7.07	14.16	23.61
03/12/2025	22.79	66.85	7.69	15.32	25.58
03/13/2025	21.14	61.55	7.14	14.19	23.72
03/14/2025	25.20	67.50	7.74	15.49	25.79
03/15/2025	24.24	58.28	6.76	13.60	22.65
03/16/2025	21.09	56.50	6.65	13.28	22.15
03/17/2025	23.00	60.54	6.96	13.94	23.29
03/18/2025	18.37	49.57	5.84	11.76	19.61
03/19/2025	22.07	59.33	6.87	13.70	22.84
03/20/2025	23.65	53.75	6.30	12.73	21.20
03/21/2025	24.47	50.61	6.01	12.12	20.22
03/22/2025	15.32	43.88	5.28	10.58	17.68
03/23/2025	18.26	49.23	5.89	11.90	19.77
03/24/2025	22.06	55.86	6.60	13.18	22.00
03/25/2025	21.02	48.92	5.93	11.85	19.74
03/26/2025	14.52	43.51	5.30	10.71	17.82
03/27/2025	14.11	43.70	5.28	10.76	17.86
03/28/2025	13.84	44.00	5.32	10.78	17.90
03/29/2025	14.57	45.16	5.40	10.87	18.07
03/30/2025	14.45	45.15	5.45	11.02	18.29
03/31/2025	14.61	45.66	5.39	10.92	18.14
Monthly Avg/Sum:	601.05 sum	1,685.95 sum	198.11 sum	397.60 sum	662.35 sum
Daily Min:	12.35	40.75	5.28	10.56	17.55
Daily Max:	25.20	73.70	8.23	16.45	27.44
Jan 2025 - Mar 2025	1,852.42 sum	4,395.26 sum	495.96 sum	991.26 sum	1,654.59 sum
QTD:	1,852.42 sum	4,395.26 sum	495.96 sum	991.26 sum	1,654.59 sum
YTD 2025:	1,852.42 sum	4,395.26 sum	495.96 sum	991.26 sum	1,654.59 sum

Monthly Summary By Day Report



From: 01/01/2025 00:00 To: 03/31/2025 23:59 Facility Name: ROSEVILLE ENERGY
Generated: 04/01/2025 08:03 Location: Roseville, CA

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Limit Value:	Unit CT1		Unit CT2	
	CO_SUSD, LbPerHr		NOX_SUSD, LbPerHr	
	1 Hour(s)		1 Hour(s)	
01/01/2025	0.0	0.0	0.0	0.0
01/02/2025	0.0	0.0	0.0	0.0
01/03/2025	0.0	0.0	0.0	0.0
01/04/2025	0.0	0.0	0.0	0.0
01/05/2025	0.0	0.0	0.0	0.0
01/06/2025	0.0	0.0	0.0	0.0
01/07/2025	96.4	20.1	0.0	0.0
01/08/2025	0.0	0.0	0.0	0.0
01/09/2025	0.0	0.0	0.0	0.0
01/10/2025	0.0	0.0	0.0	0.0
01/11/2025	0.0	0.0	0.0	0.0
01/12/2025	0.0	0.0	0.0	0.0
01/13/2025	0.0	0.0	0.0	0.0
01/14/2025	0.0	0.0	0.0	0.0
01/15/2025	0.0	0.0	0.0	0.0
01/16/2025	0.0	0.0	0.0	0.0
01/17/2025	0.0	0.0	0.0	0.0
01/18/2025	0.0	0.0	0.0	0.0
01/19/2025	0.0	0.0	0.0	0.0
01/20/2025	0.0	0.0	0.0	0.0
01/21/2025	0.0	0.0	0.0	0.0
01/22/2025	0.0	0.0	0.0	0.0
01/23/2025	0.0	0.0	0.0	0.0
01/24/2025	0.0	0.0	0.0	0.0
01/25/2025	0.0	0.0	0.0	0.0
01/26/2025	0.0	0.0	0.0	0.0
01/27/2025	0.0	0.0	0.0	0.0
01/28/2025	0.0	0.0	0.0	0.0
01/29/2025	0.0	0.0	0.0	0.0
01/30/2025	0.0	0.0	0.0	0.0
01/31/2025	0.0	0.0	0.0	0.0
Monthly Avg/Sum:	96.4 sum	20.1 sum	-	-
Daily Min:	0.0	0.0	-	-
Daily Max:	96.4	20.1	-	-
Jan 2025 - Jan 2025	96.4 sum	20.1 sum	-	-
QTD:	96.4 sum	20.1 sum	0.0 sum	0.0 sum
YTD 2025:	96.4 sum	20.1 sum	0.0 sum	0.0 sum

Monthly Summary By Day Report



From: 01/01/2025 00:00 To: 03/31/2025 23:59

Generated: 04/01/2025 08:03

Facility Name: ROSEVILLE ENERGY

Location: Roseville, CA

Red = Invalid or Excluded Data | Green = Edited Status | Blue = Edited Value | * = Excess Emission

	Unit CT1		Unit CT2	
	CO_SUSD, LbPerHr		NOX_SUSD, LbPerHr	
	1 Hour(s)		1 Hour(s)	
02/01/2025	0.0	0.0	0.0	0.0
02/02/2025	0.0	0.0	0.0	0.0
02/03/2025	0.0	0.0	0.0	0.0
02/04/2025	0.0	0.0	0.0	0.0
02/05/2025	0.0	0.0	0.0	0.0
02/06/2025	0.0	0.0	0.0	0.0
02/07/2025	36.0	1.2	0.0	0.0
02/08/2025	0.0	0.0	0.0	0.0
02/09/2025	0.0	0.0	0.0	0.0
02/10/2025	0.0	0.0	0.0	0.0
02/11/2025	0.0	0.0	0.0	0.0
02/12/2025	0.0	0.0	0.0	0.0
02/13/2025	0.0	0.0	0.0	0.0
02/14/2025	0.0	0.0	0.0	0.0
02/15/2025	0.0	0.0	0.0	0.0
02/16/2025	0.0	0.0	0.0	0.0
02/17/2025	0.0	0.0	0.0	0.0
02/18/2025	42.4	7.5	0.0	0.0
02/19/2025	0.5	4.9	0.0	0.0
02/20/2025	0.0	0.0	0.0	0.0
02/21/2025	0.0	0.0	0.0	0.0
02/22/2025	0.0	0.0	0.0	0.0
02/23/2025	0.0	0.0	0.0	0.0
02/24/2025	0.0	0.0	0.0	0.0
02/25/2025	0.0	0.0	0.0	0.0
02/26/2025	0.0	0.0	0.0	0.0
02/27/2025	0.0	0.0	0.0	0.0
02/28/2025	0.0	0.0	0.0	0.0
Monthly Avg/Sum:	78.9 sum	13.6 sum	-	-
Daily Min:	0.0	0.0	-	-
Daily Max:	42.4	7.5	-	-
Jan 2025 - Feb 2025	175.3 sum	33.7 sum	-	-
QTD:	175.3 sum	33.7 sum	0.0 sum	0.0 sum
YTD 2025:	175.3 sum	33.7 sum	0.0 sum	0.0 sum

Monthly Summary By Day Report



From: 01/01/2025 00:00 To: 03/31/2025 23:59

Generated: 04/01/2025 08:03

Facility Name: ROSEVILLE ENERGY

Location: Roseville, CA

Red = Invalid or Excluded Data | Green = Edited Status | Blue = Edited Value | * = Excess Emission

	Unit CT1		Unit CT2	
	CO_SUSD, LbPerHr		NOX_SUSD, LbPerHr	
	1 Hour(s)		1 Hour(s)	
03/01/2025	0.0	0.0	0.0	0.0
03/02/2025	0.0	0.0	0.0	0.0
03/03/2025	0.0	0.0	0.0	0.0
03/04/2025	0.0	0.0	0.0	0.0
03/05/2025	0.0	0.0	0.0	0.0
03/06/2025	0.0	0.0	0.0	0.0
03/07/2025	0.0	0.0	0.0	0.0
03/08/2025	0.0	0.0	0.0	0.0
03/09/2025	0.0	0.0	0.0	0.0
03/10/2025	0.0	0.0	0.0	0.0
03/11/2025	0.0	0.0	0.0	0.0
03/12/2025	0.0	0.0	0.0	0.0
03/13/2025	0.0	0.0	0.0	0.0
03/14/2025	0.0	0.0	0.0	0.0
03/15/2025	0.0	0.0	0.0	0.0
03/16/2025	0.0	0.0	0.0	0.0
03/17/2025	0.0	0.0	0.0	0.0
03/18/2025	0.0	0.0	0.0	0.0
03/19/2025	0.0	0.0	0.0	0.0
03/20/2025	0.0	0.0	0.0	0.0
03/21/2025	0.0	0.0	0.0	0.0
03/22/2025	0.0	0.0	0.0	0.0
03/23/2025	0.0	0.0	0.0	0.0
03/24/2025	0.0	0.0	0.0	0.0
03/25/2025	0.0	0.0	0.0	0.0
03/26/2025	0.0	0.0	0.0	0.0
03/27/2025	0.0	0.0	0.0	0.0
03/28/2025	0.0	0.0	0.0	0.0
03/29/2025	0.0	0.0	0.0	0.0
03/30/2025	0.0	0.0	0.0	0.0
03/31/2025	0.0	0.0	0.0	0.0
Monthly Avg/Sum:	0.0 sum	0.0 sum	-	-
Daily Min:	0.0	0.0	-	-
Daily Max:	0.0	0.0	-	-
Jan 2025 - Mar 2025	175.3 sum	33.7 sum	-	-
QTD:	175.3 sum	33.7 sum	0.0 sum	0.0 sum
YTD 2025:	175.3 sum	33.7 sum	0.0 sum	0.0 sum

Startup / Shutdown Events

CT1



From: 01/01/1970 00:00 **To:** 01/01/1970 23:59 **Facility Name:** ROSEVILLE ENERGY
Generated: 04/01/2025 08:03 **Location:** Roseville, CA

Unit offline

Tag Name: CT1_UnitOn_TF_1H

Offline Periods		
Start Time	End Time	Duration in Hour(s)
01/01/2025 00:00	01/07/2025 04:00	149
02/07/2025 01:00	02/18/2025 22:00	286

Startup / Shutdown Events

CT1



From: 01/01/1970 00:00 **To:** 01/01/1970 23:59 **Facility Name:** ROSEVILLE ENERGY
Generated: 04/01/2025 08:03 **Location:** Roseville, CA

Operating Time Summary

Available Data for Report (excludes missing data):	2,160.00 Hour(s)
Total Offline:	435.00 Hour(s)
Offline Percentage:	20.14 %
Total Online:	1,725.00 Hour(s)
Online Percentage:	79.86 %

Startup / Shutdown Events

CT1



From: 01/01/1970 00:00 **To:** 01/01/1970 23:59 **Facility Name:** ROSEVILLE ENERGY
Generated: 04/01/2025 08:03 **Location:** Roseville, CA

Startup/Shutdown

Number	Start Time	End Time	Event Type	Duration
1	01/07/2025 05:44	01/07/2025 06:57	cold Startup	74
2	01/07/2025 06:01	01/07/2025 06:03	Shutdown	3
3	02/06/2025 23:58	02/07/2025 00:10	Shutdown	13
4	02/18/2025 23:44	02/19/2025 00:46	cold Startup	63
5	03/26/2025 09:05	03/26/2025 09:05	Shutdown	1

Startup / Shutdown Events

CT1



From: 01/01/1970 00:00 To: 01/01/1970 23:59 Facility Name: ROSEVILLE ENERGY
Generated: 04/01/2025 08:03 Location: Roseville, CA

Startup/Shutdown Event Summary

	# Events	Duration	Duration %
Cold Startup	2	137	0.13
Warm Startup	0		0.00
Shutdown	3	17	0.02
Total Process Events:	5	154	0.15

Total Report Time:	2,159.98 Hour(s)
Total Operating Time:	1,722.72 Hour(s)
Total Startup Time:	137 Minute(s)
Total Shutdown Time:	17 Minute(s)
Total Startup/Shutdown Time:	154 Minute(s)
Total Startup/Shutdown Time as a Percentage of Total Operating Time:	0.15 %

Startup / Shutdown Events

CT2



From: 01/01/1970 00:00 **To:** 01/01/1970 23:59 **Facility Name:** ROSEVILLE ENERGY
Generated: 04/01/2025 08:03 **Location:** Roseville, CA

Unit offline

Tag Name: CT2_UnitOn_TF_1H

Offline Periods		
Start Time	End Time	Duration in Hour(s)
01/01/2025 00:00	03/31/2025 23:00	2160

Startup / Shutdown Events

CT2



From: 01/01/1970 00:00 **To:** 01/01/1970 23:59 **Facility Name:** ROSEVILLE ENERGY
Generated: 04/01/2025 08:03 **Location:** Roseville, CA

Operating Time Summary

Available Data for Report (excludes missing data):	2,160.00 Hour(s)
Total Offline:	2,160.00 Hour(s)
Offline Percentage:	100.00 %
Total Online:	0.00 Hour(s)
Online Percentage:	0.00 %

Startup / Shutdown Events

CT2



From: 01/01/1970 00:00 **To:** 01/01/1970 23:59 **Facility Name:** ROSEVILLE ENERGY
Generated: 04/01/2025 08:03 **Location:** Roseville, CA

No startup/shutdown events found.

AQ-47/69/90/103

AQ-47/69/90/103: No emissions are permitted, from any source, which are a nuisance per PCAPCD Rule 205, Nuisance.

Verification: The Project owner shall report all violations of this condition as noticed by the PCAPCD as well as any offsite nuisance complaints as part of the Quarterly Air Quality Report in Condition of Certification AQ-SC6

In regards to AQ-47/69/90/103 of Roseville Energy Park's 1Q25 QAQR, there were no violations of PCAPCD's Rule 205 for nuisance.

AQ-48/91/104

AQ-48/91/104: Stack emission opacity as dark as Ringelmann No. 1 (20% opacity) for periods aggregating more than 3 minutes in any one hour is prohibited and is in violation of PCAPCD Rule 202, Visible Emissions.

Verification: The Project owner shall report all violations of this condition as noticed by the PCAPCD as well as any offsite nuisance complaints as part of the Quarterly Air Quality Report in Condition of Certification AQ-SC6

In regards to AQ-48/91/104 of Roseville Energy Park's 1Q25 QAQR, there were no violations of PCAPCD's Rule 202 for opacity.

AQ-86

AQ-86 Operation for maintenance and testing of the emergency diesel engine and generator shall be limited to 50 hours per year.

Verification: The Project owner shall include all necessary operational data to demonstrate compliance with the limits provided in this Condition as part of the Quarterly Air Quality Report required in Condition of Certification AQ-SC6.

DATE	INITIALS	START	END	REASON	HOURS TOTAL	MINUTES YTD
10/26/2024	XAB	1258	1328	BI-WEEKLY TEST RUN	158	740
11-9-24	AB	1420	1450	BI-WEEKLY TEST RUN	158	770
11-23-24	XAB	1617	1647	BI-WEEKLY TEST RUN	159	800
12-7-24	AB	1415	1445	BI-WEEKLY TEST RUN	159	830
12-22-24	XAB	0903	0933	BI-WEEKLY TEST RUN	160	860
2025					160	0
1-6-25	AD	10:50	11:00	BI-weekly Test Run	160	30
1-17-25	DC	09:00	09:36	BI-weekly Test Run	161	60
2-2-25	DWN	1500	1530	BI-weekly Test Run	161	90
2-12-25	XAB	1601	1605	POWER LOSS TO ADMIN	161	94
2-15-25	XAB	1408	1438	BI-WEEKLY TEST RUN	162	124
3-1-25	AD	12:50	13:20	BI-weekly Test Run	162	154
3-15-25	XAB	1258	1328	BI-WEEKLY TEST RUN	163	184
3-24-25	AD	14:00	14:30	BI-weekly Test Run	163	214

AQ-87

AQ-87 Operation for other than maintenance and testing purposes shall be limited to involuntary interruptions of electrical power. Operation shall not exceed 24 hours without prior authorization by the Air Pollution Control Officer.

Verification: The Project owner shall include all necessary operational data to demonstrate compliance with the limits provided in this Condition as part of the Quarterly Air Quality Report required in Condition of Certification AQ-SC6.

DATE	Start Time	Reason	Stop Time	Total Hrs.	YTD Hrs.	Initials
4-14-24	1414	WEEKLY TEST RUN	1444	281.9	8.3	AAB
4-22-24	0207	Weekly Test Run	0237	282.4	8.8	AB
4-28-24	1450	Weekly Test Run	1520	282.9	9.3	AB
5-5-24	1445	Weekly Test Run	1515	283.4	9.8	AB
5-12-24	1428	WEEKLY TEST RUN	1458	283.9	10.3	AB
5-16-24	0802	Annual test	0803	284.0	10.4	AB
5-25-24	1521	WEEKLY TEST RUN	1551	284.5	10.9	AB
6-2-24	11:44	Weekly Test Run	1214	285.0	11.4	AB
6/4/24	1200	DIESEL FUEL DELIVERY - 70 GALLONS				
6-9-24	1323	WEEKLY TEST RUN	1353	285.5	11.9	AB
6-16-24		Weekly test Run		286.0	12.4	AB
6-19-24	1000	ANNUAL TEST (CD POWER)		286.3	12.7	AB
6-22-24	1510	WEEKLY PM		286.8	13.2	AB
6-30-24	1446	Weekly Test Run	1516	287.3	13.7	AB
7-7-24	1349	WEEKLY TEST RUN	1419	287.8	14.2	AB
7-14-24	1632	Weekly Test Run	1643	288.0	14.4	AB
7-18-24		Changed coolant, Hoses + Battery CND Power				
7-17-24	1100	Test Run After Service	1106	288.1	14.5	DWN
7-20-24	1347	WEEKLY PM	1617	288.6	15	AB
7-24-24	1100	PCAPCD Test Run	1106	288.7	15.1	DWN
7/27/24	1135	Weekly Test Run	1205	289.2	15.6	AB
8-4-24	1312	WEEKLY TEST RUN	1342	289.7	16.1	AB
8-7-24	1020	weekly test Run	1050	290.2	16.6	AB
8-18-24	1105	Weekly Test Run	1135	290.7	17.1	DWN
8-24-24	1340	weekly Test Run	1420	291.2	17.6	AB
9-1-24	1510	WEEKLY TEST RUN	1540	291.7	18.1	AB
9-8-24	1134	Weekly test Run	1204	292.2	18.6	AB
9-14-24	1428	WEEKLY TEST RUN	1458	292.7	19.1	AB
9-22-24	0917	WEEKLY TEST RUN	0947	293.2	19.6	AB
9-29-24	1443	WEEKLY TEST RUN	1513	293.7	20.1	AB
10-12-24	1135	WEEKLY TEST RUN	1205	294.2	20.6	AB
10-20-24	1153	WEEKLY TEST RUN	1123	294.7	21.1	AB
10-24-24	1015	Filled Diesel tank 57 gallons				AB
10-27-24	1515	WEEKLY TEST RUN	1545	295.2	21.6	AB
11-2-24	1056	weekly test Run	1126	295.7	22.1	AB
11-9-24	1455	WEEKLY TEST RUN	1525	296.2	22.6	AB

DATE	Start Time	Reason	Stop Time	Total Hrs.	YTD Hrs.	Initials
11-16-24	15:00	Weekly test Run	1530	296.7	23.1	AB
11-24-24	1555	WEEKLY TEST RUN	1625	297.2	23.6	AB
12-1-24	1304	Weekly test Run	1334	297.7	24.1	AB
12-7-24	1450	WEEKLY TEST RUN	1520	298.2	24.6	AB
12/13/24	1601	WEEKLY TEST RUN	1631	298.7	25.1	AB
12/22/24	1505	WEEKLY TEST RUN	1535	299.2	25.6	AB
12-28-24	1502	Weekly test Run	1532	299.7	26.1	AB

2025 Starting Hours 299.7

1-3-25	1514	Weekly test Run	1544	300.2	0.5	AB
1-11-25	1555	WEEKLY TEST RUN	1625	300.7	1.0	AB
1-17-25	10:10	Weekly Test Run	10:40	301.2	1.5	AB
1-25-25	1614	Weekly test Run	1644	301.7	2.0	AB
2-2-25	1410	Weekly Test Run	1440	302.2	2.5	DWN
2-9-25	1331	WEEKLY TEST RUN	1401	302.7	3.0	AB
2-16-25	1430	WEEKLY TEST RUN	1500	303.2	3.5	AB
2-23-25	1419	Weekly test Run	1449	303.7	4.0	AB
3-2-25	1310	Weekly test Run	1340	304.2	4.5	AB
3-9-25	1434	WEEKLY TEST RUN	1504	304.7	5.0	AB
3-16-25	1440	WEEKLY TEST RUN	1510	305.2	5.5	AB
3-22-25	1255	WEEKLY TEST RUN	1325	305.7	6.0	AB
3-29-25	13:00	Weekly Test Run	13:30	306.2	6.5	AB
4-6-25	1000	WEEKLY TEST RUN	1630	306.7	7.0	AB

AQ-88/101

AQ-88 The Sulfur content of the Diesel fuel used shall not exceed 15 ppm by weight.

Verification: The Project owner shall include a summary of diesel fuel purchase records showing amounts delivered, date delivered and fuel type with the Quarterly Air Quality Report as required in Condition of Certification AQ-SC6.

No Diesel fuel purposes occurred during Q1 2025.

AQ-89/102

AQ-89/102: Records of operation and maintenance shall be kept by the owner or operator for a period of five years and shall be made available to the PCAPCD by request. Information required for reporting to the PCAPCD includes, but is not limited to:

- A. Hours of operation the engine was run for maintenance and testing
- B. Hours of operation the engine was run during interruption of electrical power
- C. Records of sulfur content of the diesel fuel used

Verification: The Project shall include all necessary operational data to demonstrate compliance with the limits provided as part of the Quarterly Air Quality Report in Condition of Certification AQ-SC6

DATE	INITIALS	START	END	REASON	HOURS TOTAL	MINUTES YTD
10/26/2024	XAB	1258	1328	BI-WEEKLY TEST RUN	158	740
11-9-24	JR	1420	1450	BI-WEEKLY TEST RUN	158	770
11-23-24	XAB	1617	1647	BI-WEEKLY TEST RUN	159	800
12-7-24	JR	1415	1445	BI-WEEKLY TEST RUN	159	830
12-22-24	XAB	0903	0933	BI-WEEKLY TEST RUN	160	860
2025					160	0
1-6-25	AD	10:50	11:00	BI-weekly Test Run	160	30
1-17-25	DC	09:00	09:36	BI-weekly Test Run	161	60
2-2-25	DWN	1500	1530	BI-weekly Test Run	161	90
2-12-25	XAB	1601	1605	POWER LOSS TO ADMIN	161	94
2-15-25	XAB	1408	1438	BI-WEEKLY TEST RUN	162	124
3-1-25	AD	12:50	13:20	BI-weekly Test Run	162	154
3-15-25	XAB	1258	1328	BI-WEEKLY TEST RUN	163	184
3-24-25	AD	14:00	14:30	BI-weekly Test Run	163	214

AQ-99

AQ-99 Operation for maintenance and testing of the emergency diesel engine and generator shall be limited to 50 hours per year.

Verification: The Project shall include all necessary operational data to demonstrate compliance with the limits provided as part of the Quarterly Air Quality Report in Condition of Certification AQ-SC6

AQ-100

AQ-100 In regards to the Emergency diesel Generator; Operation for other than maintenance and testing purposes shall be limited to involuntary interruptions of electrical power. Operation shall not exceed 24 hours without prior authorization by the Air Pollution Control Officer.

Verification: The Project owner shall include all necessary operational data to demonstrate compliance with the limits provided in this Condition as part of the Quarterly Air Quality Report required in Condition of Certification AQ-SC6.

DATE	INITIALS	START	END	REASON	HOURS TOTAL	MINUTES YTD
10/26/2024	XAB	1258	1328	BI-WEEKLY TEST RUN	158	740
11-9-24	JR	1420	1450	BI-WEEKLY TEST RUN	158	770
11-23-24	XAB	1617	1647	BI-WEEKLY TEST RUN	159	800
12-7-24	JR	1415	1445	BI-WEEKLY TEST RUN	159	830
12-22-24	XAB	0903	0933	BI-WEEKLY TEST RUN	160	860
2025					160	0
1-6-25	AD	10:50	11:00	BI-weekly Test Run	160	30
1-17-25	DC	09:00	09:36	BI-weekly Test Run	161	60
2-2-25	DWN	1500	1530	BI-weekly Test Run	161	90
2-12-25	XAB	1601	1605	POWER LOSS TO ADMIN	161	94
2-15-25	XAB	1408	1438	BI-WEEKLY TEST RUN	162	124
3-1-25	AD	12:50	13:20	BI-weekly Test Run	162	154
3-15-25	XAB	1258	1328	BI-WEEKLY TEST RUN	163	184
3-24-25	AD	14:00	14:30	BI-weekly Test Run	163	214