

DOCKETED	
Docket Number:	21-TPG-01
Project Title:	Roseville Energy Park Temporary Power Generators
TN #:	266950
Document Title:	RPEAK (REPR-20-03 AND 04) Quarterly CEMS Report - Third Quarter 2025 - Part 6s
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

	CT5_SUSD_TF_1M			CT5_O2Dry_Pct_1M			CT5_ExhaustFlow_LbPerHr_1M			CT5_GasFlow_kscfh_1M			CT5_NH3Inj_LbPerHr_1M			CT5_UnitOn_TF_1M		
Date/Time	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc
08/26/25 10:27	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:28	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:29	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:30	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:31	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:32	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:33	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:34	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:35	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:36	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:37	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:38	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:39	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:40	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:41	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:42	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:43	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:44	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:45	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:46	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:47	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:48	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:49	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:50	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:51	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:52	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:53	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:54	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:55	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:56	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:57	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:58	0			21.1			0			-0.4			-0.1			0		
08/26/25 10:59	0			21.1			0			-0.4			-0.1			0		
08/26/25 11:00	0			21.1			0			-0.4			-0.1			0		
08/26/25 11:01	0			21.1			0			-0.4			-0.1			0		

	CT5_SUSD_TF_1M		CT5_O2Dry_Pct_1M		CT5_ExhaustFlow_LbPerHr_1M		CT5_GasFlow_kscfh_1M		CT5_NH3Inj_LbPerHr_1M		CT5_UnitOn_TF_1M	
Date/Time	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc
08/26/25 11:02	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:03	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:04	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:05	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:06	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:07	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:08	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:09	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:10	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:11	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:12	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:13	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:14	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:15	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:16	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:17	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:18	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:19	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:20	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:21	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:22	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:23	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:24	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:25	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:26	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:27	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:28	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:29	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:30	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:31	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:32	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:33	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:34	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:35	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:36	0		21.1		0		-0.4		-0.1		0	

	CT5_SUSDTF_1M		CT5_O2Dry_Pct_1M		CT5_ExhaustFlow_LbPerHr_1M		CT5_GasFlow_kscfh_1M		CT5_NH3Inj_LbPerHr_1M		CT5_UnitOn_TF_1M	
Date/Time	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc
08/26/25 11:37	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:38	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:39	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:40	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:41	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:42	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:43	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:44	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:45	0		21.1		0		-0.4		-0.1		0	
08/26/25 11:46	1		21.1		0		-0.4		-0.1		1	
08/26/25 11:47	1		20.9		0		-0.4		-0.1		1	
08/26/25 11:48	1		18.9		-2738.8		-0.4		-0.1		1	
08/26/25 11:49	1		18.6		-2381.6		-0.4		-0.1		1	
08/26/25 11:50	1		18.4		-2191.1		-0.4		-0.1		1	
08/26/25 11:51	1		18.4		-2191.1		-0.4		-0.1		1	
08/26/25 11:52	1		16.2		-1165.5		-0.4		-0.1		1	
08/26/25 11:53	1		14.7		-883.5		-0.4		-0.1		1	
08/26/25 11:54	1		14.6		-869.5		-0.4		-0.1		1	
08/26/25 11:55	1		14.6		-869.5		-0.4		-0.1		1	
08/26/25 11:56	0		14.7		-883.5		-0.4		-0.1		1	
08/26/25 11:57	0		14.7		-883.5		-0.4		-0.1		1	
08/26/25 11:58	0		14.7		-883.5		-0.4		-0.1		1	
08/26/25 11:59	0		14.7		-883.5		-0.4		-0.1		1	
08/26/25 12:00	0		15		-928.4		-0.4		-0.1		1	
08/26/25 12:01	0		15.3		-978.2		-0.4		-0.1		1	
08/26/25 12:02	0		15.5		-1014.4		-0.4		-0.1		1	
08/26/25 12:03	0		15.6		-1033.5		-0.4		-0.1		1	
08/26/25 12:04	0		15.6		-1033.5		-0.4		-0.1		1	
08/26/25 12:05	0		15.6		-1033.5		-0.4		-0.1		1	
08/26/25 12:06	0		15.6		-1033.5		-0.4		-0.1		1	
08/26/25 12:07	0		15.6		-1033.5		-0.4		-0.1		1	
08/26/25 12:08	0		15.6		-1033.5		-0.4		-0.1		1	
08/26/25 12:09	0		15.6		-1033.5		-0.4		-0.1		1	
08/26/25 12:10	0		15.6		-1033.5		-0.4		-0.1		1	
08/26/25 12:11	0		15.7		-1053.4		-0.4		-0.1		1	

	CT5_SUSDTF_1M		CT5_O2Dry_Pct_1M		CT5_ExhaustFlow_LbPerHr_1M		CT5_GasFlow_kscfh_1M		CT5_NH3Inj_LbPerHr_1M		CT5_UnitOn_TF_1M	
Date/Time	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc
08/26/25 12:12	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:13	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:14	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:15	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:16	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:17	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:18	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:19	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:20	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:21	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:22	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:23	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:24	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:25	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:26	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:27	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:28	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:29	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:30	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:31	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:32	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:33	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:34	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:35	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:36	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:37	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:38	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:39	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:40	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:41	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:42	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:43	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:44	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:45	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:46	0		15.7		-1053.4		-0.4		-0.1		1	

	CT5_SUSD_TF_1M		CT5_O2Dry_Pct_1M		CT5_ExhaustFlow_LbPerHr_1M		CT5_GasFlow_kscfh_1M		CT5_NH3Inj_LbPerHr_1M		CT5_UnitOn_TF_1M	
Date/Time	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc
08/26/25 12:47	0		15.8		-1074.1		-0.4		-0.1		1	
08/26/25 12:48	0		15.8		-1074.1		-0.4		-0.1		1	
08/26/25 12:49	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:50	0		15.7		-1053.4		-0.4		-0.1		1	
08/26/25 12:51	0		15.8		-1074.1		-0.4		-0.1		1	
08/26/25 12:52	0		15.8		-1074.1		-0.4		-0.1		1	
08/26/25 12:53	0		15.8		-1074.1		-0.4		-0.1		1	
08/26/25 12:54	0		15.8		-1074.1		-0.4		-0.1		1	
08/26/25 12:55	0		15.8		-1074.1		-0.4		-0.1		1	
08/26/25 12:56	0		15.8		-1074.1		-0.4		-0.1		1	
08/26/25 12:57	0		15.8		-1074.1		-0.4		-0.1		1	
08/26/25 12:58	0		15.8		-1074.1		-0.4		-0.1		1	
08/26/25 12:59	0		15.8		-1074.1		-0.4		-0.1		1	
08/26/25 13:00	0		15.8		-1074.1		-0.4		-0.1		1	
08/26/25 13:01	0		15.8		-1074.1		-0.4		-0.1		1	
08/26/25 13:02	0		15.8		-1074.1		-0.4		-0.1		1	
08/26/25 13:03	0		15.8		-1074.1		-0.4		-0.1		1	
08/26/25 13:04	0		15.8		-1074.1		-0.4		-0.1		1	
08/26/25 13:05	1		15.8		-1074.1		-0.4		-0.1		1	
08/26/25 13:06	1		16.5		-1244.9		-0.4		-0.1		1	
08/26/25 13:07	1		18.3		-2106.8		-0.4		-0.1		1	
08/26/25 13:08	1		18.8		-2608.4		-0.4		-0.1		1	
08/26/25 13:09	1		18.6		-2381.6		-0.4		-0.1		1	
08/26/25 13:10	1		19	X	-2883	X	-0.4		-0.1		1	
08/26/25 13:11	1		18.7	X	-2489.9	X	-0.4		-0.1		1	
08/26/25 13:12	1		18.8	X	-2608.4	X	-0.4		-0.1		1	
08/26/25 13:13	0		20.9	X	0	X	-0.4		-0.1		0	
08/26/25 13:14	0		18.6		-2381.6		-0.4		-0.1		0	
08/26/25 13:15	0		21		0		-0.4		-0.1		0	

Sample Spreadsheet Listing

NCE 2025-020

Date/Time	CT5_SUSD_TF_1M			CT5_O2Dry_Pct_1M			CT5_ExhaustFlow_LbPerHr_1M			CT5_GasFlow_kscfh_1M			CT5_NH3Inj_LbPerHr_1M			CT5_UnitOn_TF_1M		
	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc
08/26/25 13:45	0	X		0	X		0	X		0	X		0	X		0	X	
08/26/25 13:46	0	X		0	X		0	X		0	X		0	X		0	X	
08/26/25 13:47	0	X		0	X		0	X		0	X		0	X		0	X	
08/26/25 13:48	0	X		0	X		0	X		0	X		0	X		0	X	
08/26/25 13:49	0	X		0	X		0	X		0	X		0	X		0	X	
08/26/25 13:50	0			20.9	X		0	X		550.1			-23.1			0		
08/26/25 13:51	0			21	X		0	X		0.1			0			0		
08/26/25 13:52	0			21.1	X		0	X		0.1			0			0		
08/26/25 13:53	0			21.1	X		0	X		0.1			0			0		
08/26/25 13:54	0			21.1	X		0	X		0.1			0			0		
08/26/25 13:55	0			21.1			0			0.1			0			0		
08/26/25 13:56	0			21.1			0			0.1			0			0		
08/26/25 13:57	0			21.1			0			0.1			0			0		
08/26/25 13:58	0			21.1			0			0.1			0			0		
08/26/25 13:59	0			21.1			0			0.1			0			0		
08/26/25 14:00	0			21.1			0			0.1			0			0		
08/26/25 14:01	0			21.1			0			0.1			0			0		
08/26/25 14:02	1			21.1			0			0.1			0			1		
08/26/25 14:03	1			20.8			3245535.8			22.4			0			1		
08/26/25 14:04	1			18.7			209770.9			31.9			0			1		
08/26/25 14:05	1			18.6			265549.3			42.2			0			1		
08/26/25 14:06	1			18.4			384534.4			66.5			5.8			1		
08/26/25 14:07	1			17			667155.5			179.9			53.4			1		
08/26/25 14:08	1			15			626221.5			255.5			96.5			1		
08/26/25 14:09	1			14.4			579371.9			260.4			100.3			1		
08/26/25 14:10	1			14.5			586070.8			259.4			100.1			1		
08/26/25 14:11	0			14.5			584787			258.8			100.1			1		
08/26/25 14:12	0			14.5			583717.1			258.3			100.1			1		
08/26/25 14:13	0			14.8			610628.6			257.6			100.1			1		
08/26/25 14:14	0			15.2			652999.2			257.4			100.1			1		
08/26/25 14:15	0			15.5			688769.7			257.2			99.3			1		
08/26/25 14:16	0			15.6			702023.8			257.3			93.1			1		

CEMS PLC
DE-ENERGIZED

PLC TURNED
ON

NORMAL
START

Date/Time	CT5_SUSD_TF_1M		CT5_O2Dry_Pct_1M		CT5_ExhaustFlow_LbPerHr_1M		CT5_GasFlow_kscfh_1M		CT5_NH3Inj_LbPerHr_1M		CT5_UnitOn_TF_1M	
	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc
08/26/25 14:17	0		15.7		714734.2		257		88		1	
08/26/25 14:18	0		15.7		714470.8		256.9		84.8		1	
08/26/25 14:19	0		15.7		713417.4		256.5		84		1	
08/26/25 14:20	0		15.7		713417.4		256.5		84		1	
08/26/25 14:21	0		15.7		713154.1		256.4		84		1	
08/26/25 14:22	0		15.7		713417.4		256.5		84		1	
08/26/25 14:23	0		15.7		713154.1		256.4		84		1	
08/26/25 14:24	0		15.7		712364		256.2		84.5		1	
08/26/25 14:25	0		15.8		726869		256.3		85.4		1	
08/26/25 14:26	0		15.8		726063.4		256.1		84.1		1	
08/26/25 14:27	0		15.8		725794.9		256		84.1		1	
08/26/25 14:28	0		15.8		725794.9		256		84		1	
08/26/25 14:29	0		15.8		726063.4		256.1		84		1	
08/26/25 14:30	0		15.8		725526.4		255.9		84		1	
08/26/25 14:31	0		15.8		725257.9		255.8		84		1	
08/26/25 14:32	0		15.8		724720.9		255.6		84		1	
08/26/25 14:33	0		15.8		725257.9		255.8		84		1	
08/26/25 14:34	0		15.8		725257.9		255.8		84		1	
08/26/25 14:35	0		15.8		724989.4		255.7		84		1	
08/26/25 14:36	0		15.8		725257.9		255.8		84		1	
08/26/25 14:37	0		15.8		725257.9		255.8		84		1	
08/26/25 14:38	0		15.8		724989.4		255.7		84		1	
08/26/25 14:39	0		15.8		725257.9		255.8		84		1	
08/26/25 14:40	0		15.9		720043.3		249		84		1	
08/26/25 14:41	0		15.9		718673.9		248.5		84		1	
08/26/25 14:42	0		15.9		718947.8		248.6		83.8		1	
08/26/25 14:43	0		15.9		719221.7		248.7		81		1	
08/26/25 14:44	0		15.9		718947.8		248.6		81		1	
08/26/25 14:45	0		15.9		719221.7		248.7		82.9		1	

Operations Logbook 08/27/2025 16:20:37

Event Time	AREA	SYSTEM	EQUIPMENT	EVENT	Message	User Name
08-27-2025 14:50	RPEAK	RPEAK CT5	ANALYZER	CALIBRATION	RPEAK CT5 CALIBRATION STARTED	Chheng, Robin
08-27-2025 13:58	RPEAK	RPEAK CT5	ANALYZER	VERIFY	RPEAK CT-5 DAHS START UP BIT CONFIRMED	Chheng, Robin
08-27-2025 13:50	RPEAK	RPEAK CT5		CTG - START INITIATE	START INITIATED RPEAK CT 5	Chheng, Robin
08-27-2025 10:10	RPEAK	RPEAK CT5	ANALYZER	VERIFY	VERIFIED DAHS STARTUP BIT CLEARED	Chheng, Robin
08-26-2025 21:12	RPEAK	RPEAK CT5		FLAME OFF		Nipper, Dave
08-26-2025 21:07	RPEAK	RPEAK CT5		CTG - BREAKER OPEN	PER ADS DISPATCH	Nipper, Dave
08-26-2025 21:05	RPEAK	RPEAK CT5		CTG - STOP INITIATE	PER ADS DISPATCH	Nipper, Dave
08-26-2025 16:42	RPEAK	RPEAK CT5	CEMS	VERIFY	RPEAK CT5 CEMS PASSED CALIBRATION.	Erthal, Derek
08-26-2025 15:53	RPEAK	RPEAK CT5	CEMS	CALIBRATION	PLACED CT5 CEMS IN CALIBRATION.	Erthal, Derek
08-26-2025 15:06	RPEAK	RPEAK CT5	COMBUSTION TURBINE	CTG - BREAKER CLOSED	RPEAK CT5 BREAKER CLOSED AFTER REPLACING BAD CEMS CARD.	Erthal, Derek
08-26-2025 15:02	RPEAK	RPEAK CT5	COMBUSTION TURBINE	FLAME ON	RPEAK CT5 TO MAIN FLAME.	Erthal, Derek
08-26-2025 14:56	RPEAK	RPEAK CT5	COMBUSTION TURBINE	CTG - START INITIATE	RPEAK CT5 START INITIATED.	Erthal, Derek
08-26-2025 14:25	RPEAK	RPEAK CT5	COMBUSTION TURBINE	DERATE	RPEAK CT5 DERATED DUE TO BAD CEMS PLC CARD.	Erthal, Derek
08-26-2025 14:12	RPEAK	RPEAK CT5	COMBUSTION TURBINE	CTG - BREAKER OPEN	RPEAK CT5 BREAKER OPEN. NO CEMS DATA BEING MONITORED DUE TO BAD PLC CARD.	Erthal, Derek
08-26-2025 14:05	RPEAK	RPEAK CT5	COMBUSTION TURBINE	CTG - STOP INITIATE	RPEAK CT5 STOP INITIATED.	Erthal, Derek
08-26-2025 12:50	RPEAK	RPEAK CT5	CEMS	FAIL	NO START UP BIT CAME IN ON CT5 ON THE DAHS. OTHER DATA MISSING. I&C AND MANAGEMENT INFORMED.	Erthal, Derek
08-26-2025 12:50	RPEAK	RPEAK CT5	COMBUSTION TURBINE	CTG - BREAKER CLOSED	RPEAK CT5 BREAKER CLOSED PER ADS.	Erthal, Derek
08-26-2025 12:46	RPEAK	RPEAK CT5	COMBUSTION TURBINE	FLAME ON	RPEAK CT5 TO MAIN FLAME	Erthal, Derek
08-26-2025 12:40	RPEAK	RPEAK CT5	COMBUSTION TURBINE	CTG - START INITIATE	RPEAK CT5 START INITIATED.	Erthal, Derek
08-25-2025 22:09	RPEAK	RPEAK CT5	COMBUSTION TURBINE		SHUT DOWN BIT OUT	Gregorich, Raymond

From: [Cone, Kevin \(US\)](#)
To: [Ribordy, Nathan](#); [Garcia, Rony](#)
Cc: [Vasquez, Ediberto](#); [Plasencia, Oscar](#); [Sherrer, Jason](#)
Subject: RE: Cems ct5 card failed
Date: Thursday, August 28, 2025 12:26:29 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[202508261140TO1312CT5.txt](#)

External: This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments, or taking further action.

Hey Nathan,

Here's the file with the minute data. It looks like the values were frozen from the lightning strike.

Regards,
Kevin Cone

Teledyne Confidential; Commercially Sensitive Business Data

From: Ribordy, Nathan <NRibordy@roseville.ca.us>
Sent: Thursday, August 28, 2025 8:58 AM
To: Cone, Kevin (US) <Kevin.Cone@Teledyne.com>; Garcia, Rony <RGarcia@roseville.ca.us>
Cc: Vasquez, Ediberto <EVasquez@roseville.ca.us>; Plasencia, Oscar <OPlasencia@roseville.ca.us>; Sherrer, Jason <JSherrer@roseville.ca.us>
Subject: RE: Cems ct5 card failed

External Email

Good morning, Kevin

The card has been replaced and we have good data coming in. I am in process of putting together the Part II to the notice of noncompliance event from the card failure and was curious if you could print data and/or logic sheet to show what monitored values were not recorded due to the loss of the card. Times were 8/26/25 at 11:46 to 13:12 (CEMS time).

Thank you,

Nathan Ribordy, P.E.
Power Generation Superintendent
Roseville Electric Utility

(916) 746-1673 (843) 437-5180
nribordy@roseville.ca.us
5120 Phillip Road | Roseville, CA 95747



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From: Cone, Kevin (US) <Kevin.Cone@Teledyne.com>
Sent: Thursday, August 28, 2025 7:20 AM
To: Garcia, Rony <RGarcia@roseville.ca.us>
Cc: Vasquez, Ediberto <EVasquez@roseville.ca.us>; Ribordy, Nathan <NRibordy@roseville.ca.us>; Plasencia, Oscar <OPlasencia@roseville.ca.us>; Sherrer, Jason <JSherrer@roseville.ca.us>
Subject: RE: Cems ct5 card failed

External: This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments, or taking further action.

Hey Rony,

Is the card currently installed? If so we might be able to log into the PLC and look for a fault. The other option would be to force a signal and to monitor what happens on the DAS.

Regards,
Kevin Cone

Teledyne Confidential; Commercially Sensitive Business Data

From: Garcia, Rony <RGarcia@roseville.ca.us>
Sent: Thursday, August 28, 2025 7:10 AM
To: Cone, Kevin (US) <Kevin.Cone@Teledyne.com>
Cc: Vasquez, Ediberto <EVasquez@roseville.ca.us>; Ribordy, Nathan <NRibordy@roseville.ca.us>; Plasencia, Oscar <OPlasencia@roseville.ca.us>; Sherrer, Jason <JSherrer@roseville.ca.us>
Subject: Cems ct5 card failed

External Email

Good morning Kevin,

I was requested to request information regarding some data collection.
On august 26th, we had a lighting strike at/near the plant. After this strike happened, we started the unit and then noticed that an analog input card on the plc rack for ct5 cems went bad. So we shut the unit back down.

For our reporting to the air district, we want to collect data to prove that this card went bad.

It is the analog input card that holds 4 analog points.

Fuel flow

Ammonia flow

Mw load

Water injection flow

Our request is if you can help with the reporting side for us to show air district this happened.

Thanks

Rony



2025 021

Year

Non-Compliance
Event Number

110 Maple Street, Auburn, CA 95603 • (530) 745-2330 • Fax (530) 745-2373 • www.placer.ca.gov/apcd

Erik C. White, Air Pollution Control Officer

NON-COMPLIANCE EVENT NOTIFICATION FORM – PART I

submit within 2 business hours after detection of the Non-Compliance Event

1. Company Name	ROSEVILLE ENERGY PARK - RPEAK	Address	5120 PHILLIP ROAD, ROSEVILLE, CA.						
2. Title V Source Status	Major Yes ☒ No ☐	Synthetic Minor	Yes ☐ No ☒						
3. For Title V Sources, is the Non-Compliance Event the Result of an Emergency under District Rule 507, Section 402.2(I)	Yes ☐ No ☒								
4. Emission Exceedances	NOx ☒	SOx ☐	PM ☐	VOC ☐	CO ☐	Opacity ☐	None ☐	check all that apply	
5. CEMS / COMS / CMS Breakdown	Yes ☐ No ☒								
6. Detection of Non-Compliance Event	Date	8/30/25	Time	13:18	☐ AM ☒ PM				
7. Start of Non-Compliance Event	Date	8/30/25	Time	13:03	☐ AM ☒ PM ☐ Not known				
8. Violation	Permit No. REPR-20-03	Condition No. 35	Rule	Section					
9. Unit / Equipment Involved	CT5								
10. Description / Cause of Non-Compliance Event	NH3 pump failed to pressurize							☒ additional information attached	
11. Immediate Corrective Actions	Shutdown CT5							☒ 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	Nathan Ribordy			Telephone	(916) 746 - 1673				
Signature				Date	9/2/25	Time	10:08	☒ AM ☐ PM	

NON-COMPLIANCE EVENT NOTIFICATION FORM – PART II

submit within 7 calendar days after end of the Non-Compliance Event

14. End of Non-Compliance Event	Date	8/30/25	Time	13:18	☐ AM ☒ PM			
15. Duration of Non-Compliance Event	Hours	0	Minutes	15				
16. Excess Emissions Estimates	NOx	4.30 LB/START	SOx	PM				
	VOC	CO	Opacity	%, for	minutes	Other		
17. Variance in Effect	Yes ☐ Variance #		No ☒					
18. Corrective and Preventative Actions Taken	(a) Minimize Emissions		(b) Correct Event		(c) Prevent			
Future Events	☒ additional information attached							
19. If Not Able to Determine in Item 12 of Part I, Was the Non-Compliance Event an Emission Violation or Monitoring Equipment Failure or Malfunction	If yes, do you Request that the Violation, Failure or Malfunction be Shielded from Enforcement Action as an Upset / Breakdown Under District Rule 404							
Yes ☐		No ☒		If "Yes", complete and submit the Upset / Breakdown Checklist Form if not previously submitted with Part I				
20. Submitted By	NATHAN RIBORDY			Telephone	(916) 746-1673			
I certify under penalty of law that I am the responsible official for this facility, or his/her duly designated representative, and based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.								
Signature				Date	9/3/25	Time	13:50	☐ AM ☒ PM

UPSET / BREAKDOWN AND EMERGENCY CHECKLIST

Non-Compliance
Event Number

Company Name	Address
Detection of Non-Compliance Event	Date _____ Time _____ ☐ AM ☐ PM

Complete the following questions associated with determining whether an event is an "Upset/Breakdown" Event pursuant to Rule 404, and/or an "Emergency" Event pursuant to Rule 507. To be considered as a legitimate Upset / Breakdown or Emergency event, all of the checklist questions must be answered with a "Yes" checkmark.

Yes **No**

- | | | |
|--------------------------|--------------------------|--|
| ☐ | ☐ | 1. Equipment associated with the breakdown event have been designed, maintained, and operated in a manner consistent with minimizing emissions. |
| ☐ | ☐ | 2. The amount and duration of emissions as a result of the event have been minimized. |
| ☐ | ☐ | 3. The event is not part of a recurring pattern of previous breakdowns of the same equipment for same/similar reasons that are indicative of inadequate equipment design, operation, or maintenance. |
| ☐ | ☐ | 4. The event is not the result of operator error, negligence, carelessness, or willful misconduct (i.e., the facility is being properly operated). |
| ☐ | ☐ | 5. The event is not the result of improper equipment design. |
| ☐ | ☐ | 6. The event is not the result of improper preventative maintenance of equipment. |
| ☐ | ☐ | 7. The event is the result of a sudden, unavoidable breakdown of equipment, beyond the control of the operator. |
| ☐ | ☐ | 8. The event could not have been foreseen or avoided or planned for, and could not have been avoided or prevented by better operating and maintenance practices. |
| ☐ | ☐ | 9. The event has not resulted in a nuisance. |
| ☐ | ☐ | 10. The event is not the result of the disregard of air pollution rules or regulations. |
| ☐ | ☐ | 11. This Upset / Breakdown form has been completed and submitted to the District in a timely manner -- within 7 calendar days from the end of the Non-Compliance Event. |
| ☐ | ☐ | 12. Immediate corrective actions have been taken to minimize emissions, as described in Item 11 on the Part I Non-Compliance Event Notification Form. |

I certify under penalty of law that I am the responsible official for this facility, or his/her duly designated representative, and based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Signature _____

You are requesting that the District not take enforcement action because the Non-Compliance Event is the result of an "Upset / Breakdown" Event under District Rule 404. A breakdown condition means an unforeseeable failure or malfunction of 1) any air pollution control equipment or related operating equipment which causes a violation of any emission limitations or restriction prescribed by the District Rules and Regulations, or by State law, or 2) any in-stack continuous monitoring equipment, where such failure or malfunction: (1) is not the result of neglect or disregard of any air pollution control law or rule or regulation; (2) is not intentional or the result of negligence; (3) is not the result of improper maintenance; (4) does not constitute a nuisance; (5) is not a recurrent breakdown of the same equipment. You have the burden of providing sufficient information to demonstrate that the Upset / Breakdown was an unforeseeable equipment failure or malfunction that meets the above listed criteria. This checklist must be completed and returned to the District with either the Part 1 or Part II Non-Compliance Event Notification form to attest to your having made this determination. Submission of a request for shielding from enforcement action does not by itself confer such a shield. If breakdown or emission exceeding operations continue after the breakdown or emission exceedance is identified, the possibility exists that the District after consideration of the information provided, the timeliness and completeness of the submittals, and a comparison to other like breakdowns, may ultimately determine that the Non-Compliance Event was not the result of a legitimate Upset / Breakdown event and may elect to take enforcement action. Action to return to compliance should be accomplished as expeditiously as possible. Thus, you are advised to: (1) assure that the breakdown meets the criteria for an unforeseeable failure or malfunction; (2) minimize emissions resulting from the event to the maximum degree possible; and (3) assure that the required failure and malfunction information and information on the corrective actions taken is provided to the District in a complete and timely manner.

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

From: Nathan Ribordy, *Power Generation Superintendent*

Date: September 3, 2025

Subject: Non-Compliance Event Notification 2025-021 PART II

This memo provides supplemental details to the Non-Compliance Event Notification #2025-021 submitted on September 2, 2025, regarding an incident involving RPEAK Combustion Turbine #5 (CT5) on August 30th, 2025. All times are given with reference to time on the CEMS.

Incident Summary:

- **Fuel Flow Start:** 13:03
- **Full Load Achieved:** 13:09
- **Fuel Flow Stop:** 13:25
- **Event:** CT5 NOx LbPer Startup/Shutdown exceedance at 4.30lb.
- **Response:** Engine shutdown when it was identified the ammonia injection pump was not developing pressure.

Investigation:

Instrumentation and controls staff were called to site the afternoon of August 30th. It was thought that there were latent issues not identified due to the electrical storm on August 26th. Initial troubleshooting efforts in the field verified that field devices (pressure and flow transmitters) were functioning as well as the programmable logic controller (PLC). A visual inspection was performed of the ammonia forwarding pump followed by a test run with no abnormal indications. Further investigation into the control logic was conducted on September 2nd and no immediate issues were identified.

Staff noted that there may be devices that are experiencing intermittent failures that we have not been able to successfully reproduce. In an effort to get closer observation of the system operation additional data points from the PLC logic will be added to the site historian, a PI database.

A review of the data (attached) shows ammonia started to flow at 13:08, 13:16, and finally at 13:19 when it stayed online. At the point when it was identified to be an issue the decision to shut the engine down was made at 13:18.

Follow-Up Actions:

Add control system data to the site historian. Continue to monitor operations.

Attachments:

- Startup/Shutdown Event Report, CT5 – NOx Lbs Per Startup/Shutdown, dated 9/2/25.
- Sample Spreadsheet Listing from 8/30/25 at 13:00 to 8/30/25 at 13:31, dated 9/2/25.
- Operations Logbook, dated 9/3/25.

Respectfully,



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

Startup/Shutdown Event Report

CT5 - NOx Lbs Per Startup/Shutdown

NCE 2025-021



From: 08/30/2025 00:00 **To:** 08/30/2025 23:59 **Facility Name:** ROSEVILLE ENERGY

Generated: 09/02/2025 08:57 **Location:** Roseville, CA

Tag Name: CT5_NOX_LbPerHr_1M SI = SampleInvalid, * = Excess Emission

Total Operating Time: 4.60 Hours
Non-Operating Time: 19.40 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
08/30/2025 13:03 08/30/2025 13:18 Startup	16	4.30 *	3.10		
08/30/2025 13:18 08/30/2025 13:25 Shutdown	8	0.84	3.40		
08/30/2025 16:53 08/30/2025 17:01 Startup	9	1.11	3.10		
08/30/2025 20:58 08/30/2025 21:05 Shutdown	8	0.13	3.40		

Total Duration of Excess Emission	16 Minute(s)
Time of Excess Emission as a percentage of operating time	5.80 %
Time in compliance as percentage of operating time	94.20 %

Sample Spreadsheet Listing

NCE 2025-021

Date/Time	CT5_GasFlow_100scfh_1M		CT5_ExhaustFlow_LbPerHr_1M		CT5_Load_MWe_1M		CT5_NH3Inj_LbPerHr_1M		CT5_NOx_SUSD_Lbs_1M		CT5_Startup_TF_1M	
	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc
08/30/25 13:00	0		0		0		0		0		0	
08/30/25 13:01	-1		0		0		0		0		0	
08/30/25 13:02	0		0		0		0		0		0	
08/30/25 13:03	42		0		0		0		0		1	
08/30/25 13:04	300		620153.6		0		0		0		1	
08/30/25 13:05	361		226848.1		0		0		0.05		1	
08/30/25 13:06	435		251426.3		0		0		0.12		1	
08/30/25 13:07	892		496153		5.3		0		0.27		1	
08/30/25 13:08	2028		637675.4		18.8		1.2		0.59		1	
08/30/25 13:09	2562		597466.6		25.3		0		0.96		1	
08/30/25 13:10	2548		566941.7		25.3		0		1.32		1	
08/30/25 13:11	2538		573446.5		25.3		0		1.67		1	
08/30/25 13:12	2527		571092.8		25.3		0		2.02		1	
08/30/25 13:13	2522		569808.9		25.3		0		2.38		1	
08/30/25 13:14	2519		578201.4		25.3		0		2.75		1	
08/30/25 13:15	2517		596709.8		25.3		0		3.13		1	
08/30/25 13:16	2516		638344		25.3		1.2		3.53		1	
08/30/25 13:17	2516		673807.5		25.3		0		3.93		1	
08/30/25 13:18	2305		640996		22.4		0		4.3		1	
08/30/25 13:19	1395		458445.9		11		0.1		4.55		0	
08/30/25 13:20	434		232295		0.3		40.7		4.66		0	
08/30/25 13:21	392		269972.2		0		16.2		4.71		0	
08/30/25 13:22	396		248878		0		10.3		4.71		0	
08/30/25 13:23	399		250664.2		0		9.4		4.72		0	
08/30/25 13:24	399		240219.9		0		9.7		4.76		0	
08/30/25 13:25	82		54154.5		0		8.9		4.77		0	
08/30/25 13:26	-1		0		0		0		0		0	
08/30/25 13:27	-1		0		0		0		0		0	
08/30/25 13:28	0		0		0		0		0		0	
08/30/25 13:29	0		0		0		0		0		0	
08/30/25 13:30	0		0		0		0		0		0	
08/30/25 13:31	0		0		0		0		0		0	

Sample Spreadsheet Listing

NCE 2025-021

	CT5_WaterInj_GPM_1M		CT5_NOx_SCR_Ppm_1M		CT5_Load_MWe_1M		CT5_NH3Inj_LbPerHr_1M		CT5_NOx_Ppmvdc_1M		CT5_Startup_TF_1M	
Date/Time	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc	Value	SI Modc
08/30/25 13:00	0		0		0		0		0.1		0	
08/30/25 13:01	0		0		0		0		0		0	
08/30/25 13:02	0		0		0		0		0		0	
08/30/25 13:03	0		0		0		0		0		1	
08/30/25 13:04	0		5.9		0		0		3.37		1	
08/30/25 13:05	0		12.7		0		0		20.78		1	
08/30/25 13:06	0		16.5		0		0		25.72		1	
08/30/25 13:07	0.7		17.7		5.3		0		26.1		1	
08/30/25 13:08	19.1		35		18.8		1.2		24.63		1	
08/30/25 13:09	28.6		26		25.3		0		21.98		1	
08/30/25 13:10	28.2		25.6		25.3		0		21.6		1	
08/30/25 13:11	27.9		25.2		25.3		0		21.48		1	
08/30/25 13:12	27.7		25.1		25.3		0		21.48		1	
08/30/25 13:13	27.5		25.5		25.3		0		21.85		1	
08/30/25 13:14	27.3		25.8		25.3		0		22.48		1	
08/30/25 13:15	27.2		25.7		25.3		0		23.31		1	
08/30/25 13:16	27.2		24.8		25.3		1.2		24.32		1	
08/30/25 13:17	27.2		23.3		25.3		0		24.58		1	
08/30/25 13:18	23.8		22		22.4		0		24.51		1	
08/30/25 13:19	7.2		20.5		11		0.1		27.35		0	
08/30/25 13:20	0		17.6		0.3		40.7		39.77		0	
08/30/25 13:21	0		16.3		0		16.2		19.1		0	
08/30/25 13:22	0		17.7		0		10.3		1.54		0	
08/30/25 13:23	0		17.7		0		9.4		3.08		0	
08/30/25 13:24	0		17.9		0		9.7		16.72		0	
08/30/25 13:25	0		16.6		0		8.9		25.75		0	
08/30/25 13:26	0		1.4		0		0		1.6		0	
08/30/25 13:27	0		0.4		0		0		0.3		0	
08/30/25 13:28	0		0.4		0		0		0.2		0	
08/30/25 13:29	0		0.3		0		0		0.1		0	
08/30/25 13:30	0		0.2		0		0		0.1		0	
08/30/25 13:31	0		0.2		0		0		0.1		0	

NCE 2025-021

Operations Logbook 09/03/2025 15:02:56

Entry for 13:56 on 08/30/2025 PDT

Event Time	08-30-2025 13:57	RPEAK CT5 START INITIATED.	Created By	Erthal, Derek
Category	Operations		Group	Operator
Sub Category	Day Shift		Time Created	08-30-2025 13:56
Area	RPEAK		Last Modified	08-30-2025 13:56
System	RPEAK CT5		Status	Open
Equipment	COMBUSTION TURBINE			
Event	CTG - START INITIATE			
Attachment		Predefined Messages -		

Notes - No results

NCR 2025-021

Operations Logbook 09/03/2025 15:03:22

Entry for 14:18 on 08/30/2025 PDT

Event Time	08-30-2025 14:18	RPEAK CT5 STOP INITIATED. AMMONIA PUMP NOT BUILDING PRESSURE.	Created By	Erthal, Derek
Category	Operations		Group	Operator
Sub Category	Day Shift		Time Created	08-30-2025 14:18
Area	RPEAK		Last Modified	08-30-2025 14:18
System	RPEAK CT5		Status	Open
Equipment	COMBUSTION TURBINE			
Event	CTG - STOP INITIATE			
Attachment		Predefined Messages -		

Notes - No results

NCE 2025-021

Operations Logbook 09/03/2025 15:03:36

Entry for 14:21 on 08/30/2025 PDT

Event Time	08-30-2025 14:20	RPEAK CT5 BREAKER OPEN. SHUT DOWN DUE TO NO AMMONIA PUMP PRESSURE OR FLOW.	Created By	Erthal, Derek
Category	Operations		Group	Operator
Sub Category	Day Shift		Time Created	08-30-2025 14:21
Area	RPEAK		Last Modified	08-30-2025 14:22
System	RPEAK CT5		Status	Open
Equipment	COMBUSTION TURBINE			
Event	CTG - BREAKER OPEN			
Attachment	Predefined Messages	-		

Notes - No results



2025022

Year

Non-Compliance
Event Number

110 Maple Street, Auburn, CA 95603 • (530) 745-2330 • Fax (530) 745-2373 • www.placer.ca.gov/apcd

Erik C. White, Air Pollution Control Officer

NON-COMPLIANCE EVENT NOTIFICATION FORM – PART I

submit within 2 business hours after detection of the Non-Compliance Event

1. Company Name	ROSEVILLE ENERGY PARK - RPEAK	Address	5120 PHILLIP ROAD, ROSEVILLE, CA.
2. Title V Source Status	Major Yes ☒ No ☐	Synthetic Minor	Yes ☐ No ☒
3. For Title V Sources, is the Non-Compliance Event the Result of an Emergency under District Rule 507, Section 402.2(I)	Yes ☐ No ☒		
4. Emission Exceedances	NOx ☐ SOx ☐ PM ☐ VOC ☐ CO ☒ Opacity ☐ None ☐	check all that apply	
5. CEMS / COMS / CMS Breakdown	Yes ☐ No ☒		
6. Detection of Non-Compliance Event	Date 9/2/25	Time 11:00	☒ AM ☐ PM
7. Start of Non-Compliance Event	Date 9/2/25	Time 10:00	☒ AM ☐ PM ☐ Not known
8. Violation	Permit No. REPR-20-03	Condition No. 34	Rule Section
9. Unit / Equipment Involved	CT6		
10. Description / Cause of Non-Compliance Event	CO ppmvdc 1-HR, CO lb/hr ☒ additional information attached		
11. Immediate Corrective Actions	Shutdown 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	Nathan Ribordy	Telephone	(916) 746 - 1673
Signature		Date 9/3/25	Time 08:40 ☒ AM ☐ PM

NON-COMPLIANCE EVENT NOTIFICATION FORM – PART II

submit within 7 calendar days after end of the Non-Compliance Event

14. End of Non-Compliance Event	Date 9/2/25	Time 1059	☒ AM ☐ PM
15. Duration of Non-Compliance Event	Hours 1	Minutes 0	
16. Excess Emissions Estimates	NOx	SOx	PM
VOC	CO 4.9 ppmvdc / 3.12 lb	Opacity	%, for minutes Other
17. Variance in Effect	Yes ☐ Variance #	No ☒	
18. Corrective and Preventative Actions Taken	(a) Minimize Emissions (b) Correct Event (c) Prevent Future Events ☐ additional information attached		
19. If Not Able to Determine in Item 12 of Part I, Was the Non-Compliance Event an Emission Violation or Monitoring Equipment Failure or Malfunction	If yes, do you Request that the Violation, Failure or Malfunction be Shielded from Enforcement Action as an Upset / Breakdown Under District Rule 404		
Yes ☐ No ☒		If "Yes", complete and submit the Upset / Breakdown Checklist Form if not previously submitted with Part I	
20. Submitted By	NATHAN RIBORDY	Telephone	(916) 746 - 1673
I certify under penalty of law that I am the responsible official for this facility, or his/her duly designated representative, and based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.			
Signature		Date 9/9/25	Time 1425 ☐ AM ☒ PM

UPSET / BREAKDOWN AND EMERGENCY CHECKLIST

Non-Compliance
Event Number

Company Name	Address
Detection of Non-Compliance Event	Date _____ Time _____ ☐ AM ☐ PM

Complete the following questions associated with determining whether an event is an "Upset/Breakdown" Event pursuant to Rule 404, and/or an "Emergency" Event pursuant to Rule 507. To be considered as a legitimate Upset / Breakdown or Emergency event, all of the checklist questions must be answered with a "Yes" checkmark.

Yes No

- | | | |
|--------------------------|--------------------------|--|
| ☐ | ☐ | 1. Equipment associated with the breakdown event have been designed, maintained, and operated in a manner consistent with minimizing emissions. |
| ☐ | ☐ | 2. The amount and duration of emissions as a result of the event have been minimized. |
| ☐ | ☐ | 3. The event is not part of a recurring pattern of previous breakdowns of the same equipment for same/similar reasons that are indicative of inadequate equipment design, operation, or maintenance. |
| ☐ | ☐ | 4. The event is not the result of operator error, negligence, carelessness, or willful misconduct (i.e., the facility is being properly operated). |
| ☐ | ☐ | 5. The event is not the result of improper equipment design. |
| ☐ | ☐ | 6. The event is not the result of improper preventative maintenance of equipment. |
| ☐ | ☐ | 7. The event is the result of a sudden, unavoidable breakdown of equipment, beyond the control of the operator. |
| ☐ | ☐ | 8. The event could not have been foreseen or avoided or planned for, and could not have been avoided or prevented by better operating and maintenance practices. |
| ☐ | ☐ | 9. The event has not resulted in a nuisance. |
| ☐ | ☐ | 10. The event is not the result of the disregard of air pollution rules or regulations. |
| ☐ | ☐ | 11. This Upset / Breakdown form has been completed and submitted to the District in a timely manner -- within 7 calendar days from the end of the Non-Compliance Event. |
| ☐ | ☐ | 12. Immediate corrective actions have been taken to minimize emissions, as described in Item 11 on the Part I Non-Compliance Event Notification Form. |

I certify under penalty of law that I am the responsible official for this facility, or his/her duly designated representative, and based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Signature _____

You are requesting that the District not take enforcement action because the Non-Compliance Event is the result of an "Upset / Breakdown" Event under District Rule 404. A breakdown condition means an unforeseeable failure or malfunction of 1) any air pollution control equipment or related operating equipment which causes a violation of any emission limitations or restriction prescribed by the District Rules and Regulations, or by State law, or 2) any in-stack continuous monitoring equipment, where such failure or malfunction: (1) is not the result of neglect or disregard of any air pollution control law or rule or regulation; (2) is not intentional or the result of negligence; (3) is not the result of improper maintenance; (4) does not constitute a nuisance; (5) is not a recurrent breakdown of the same equipment. You have the burden of providing sufficient information to demonstrate that the Upset / Breakdown was an unforeseeable equipment failure or malfunction that meets the above listed criteria. This checklist must be completed and returned to the District with either the Part 1 or Part II Non-Compliance Event Notification form to attest to your having made this determination. Submission of a request for shielding from enforcement action does not by itself confer such a shield. If breakdown or emission exceeding operations continue after the breakdown or emission exceedance is identified, the possibility exists that the District after consideration of the information provided, the timeliness and completeness of the submittals, and a comparison to other like breakdowns, may ultimately determine that the Non-Compliance Event was not the result of a legitimate Upset / Breakdown event and may elect to take enforcement action. Action to return to compliance should be accomplished as expeditiously as possible. Thus, you are advised to: (1) assure that the breakdown meets the criteria for an unforeseeable failure or malfunction; (2) minimize emissions resulting from the event to the maximum degree possible; and (3) assure that the required failure and malfunction information and information on the corrective actions taken is provided to the District in a complete and timely manner.

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

From: Nathan Ribordy, *Power Generation Superintendent*

Date: September 9, 2025

Subject: Non-Compliance Event Notification 2025-022 PART II

This memo provides supplemental details to the Non-Compliance Event Notification #2025-022 submitted on September 3, 2025 regarding an incident involving RPEAK Combustion Turbine #6 (CT6). All times are given relative to the time as recorded by the CEMS.

Incident Summary:

- **Fuel Flow Start:** 09:10
- **Full Load Achieved:** 09:17
- **Fuel Flow Stop:** 10:27
- **Event:** CO ppmvdc 1-hour and CO lb per hour excess emissions at 4.9ppmvdc and 3.12lbs, respectively.
- **Response:** Engine was shut down due to fuel gas leak prior to the exceedance.

Findings:

Shortly after the CEMS calibration completed CT6 was shut down due to a fuel gas leak detected on one of the braided fuel lines. Data shows higher than anticipated CO after the calibration for ten minutes prior to the shutdown and associated shutdown signal being logged. This resulted in only a few minutes of valid normal operating data of higher CO emissions for the hour.

No immediate cause of the high CO following the calibration was determined.

Follow-Up Actions:

Continue to monitor system operation.

Respectfully,



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



NCE 025-22



CO Ppmvdc 1-Hour Block Excess Emissions

CT6

From: 09/02/2025 00:00 To: 09/02/2025 11:09

Facility Name: ROSEVILLE ENERGY

Generated: 09/02/2025 11:10

Location: Roseville, CA

Tag Name: CT6_CO_Norm_Ppmvdc_1H

Total Operating Time: 2.00 Hour(s)

No Exclusions Allowed

Non-Operating Time: 10.00 Hour(s) Report Time: 12.00 Hour(s)

Inc No	Start Time	End Time	Duration in Hour(s)	Tag Value	Limit	Reason Code	Action Code
1	09/02/25 10:00	09/02/25 10:59	1	4.9	4.0		

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 %

CO LbPerHr 1-Hour Block Excess Emissions**CT6****From:** 09/02/2025 00:00 **To:** 09/02/2025 11:10**Facility Name:** ROSEVILLE ENERGY**Generated:** 09/02/2025 11:11**Location:** Roseville, CA**Tag Name:** CT6_CO_Norm_LbPerHr_1H**Total Operating Time:** 2.00 Hour(s)**No Exclusions Allowed**

Non-Operating Time: 10.00 Hour(s) Report Time: 12.00 Hour(s)

Inc No	Start Time	End Time	Duration in Hour(s)	Tag Value	Limit	Reason Code	Action Code
1	09/02/25 10:00	09/02/25 10:59	1	3.12	2.64		

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 %

Sample Spreadsheet Listing

	CT6_ExhaustFlow_LbPerHr_1M			CT6_GasFlow_100scfh_1M			CT6_CO_LbPerHr_1M			CT6_CO_Ppmvdc_1M			CT6_NOx_1Hr_Ppmvdc_1M			CT6_Load_MWe_1M		
Date/Time	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc	Value	SI	Modc
09/02/25 9:00	0			-2			0			0			0	X		0		
09/02/25 9:01	0			-1			0			0			0	X		0		
09/02/25 9:02	0			-2			0			0			0	X		0		
09/02/25 9:03	0			-1			0			0			0	X		0		
09/02/25 9:04	0			-2			0			0			0	X		0		
09/02/25 9:05	0			-1			0			0			0	X		0		
09/02/25 9:06	0			-2			0			0			0	X		0		
09/02/25 9:07	0			-1			0			0			0	X		0		
09/02/25 9:08	0			-1			0			0			0	X		0		
09/02/25 9:09	0			-2			0			0.1			0	X		0		
09/02/25 9:10	2944262.4			204			9.09			188.8			0	X		0		
09/02/25 9:11	220412.1			320			10.54			139.4			0	X		0		
09/02/25 9:12	267930.9			426			2.43			24.1			0	X		0		
09/02/25 9:13	238827.6			413			1.11			11.3			0	X		0		
09/02/25 9:14	622034.7			1118			2.82			10.7			0	X		8.6		
09/02/25 9:15	666938.8			2168			2.51			4.9			0	X		21.2		
09/02/25 9:16	613045.6			2544			1.42			2.4			0	X		25.8		
09/02/25 9:17	627326.8			2733			0.79			1.2			0	X		27.9		
09/02/25 9:18	616241			2727			0.71			1.1			0	X		27.8		
09/02/25 9:19	615813			2725			0.71			1.1			0.6			27.9		
09/02/25 9:20	613887.3			2717			0.71			1.1			0.6			27.8		
09/02/25 9:21	622762			2713			0.66			1			0.7			27.8		
09/02/25 9:22	622544.7			2712			0.66			1			0.7			27.8		
09/02/25 9:23	621675.2			2708			0.6			0.9			0.8			27.8		
09/02/25 9:24	620371			2703			0.6			0.9			0.9			27.8		
09/02/25 9:25	650933.1			2701			0.56			0.9			1			27.8		
09/02/25 9:26	661733.7			2700			0.77			1.2			1			27.8		
09/02/25 9:27	673379			2701			1.49			2.3			1.1			27.8		
09/02/25 9:28	673142.9			2700			2.21			3.5			1.1			27.8		
09/02/25 9:29	684471.9			2698			2.51			3.9			1.1			27.8		
09/02/25 9:30	695961			2695			2.48			3.9			1.1			27.8		
09/02/25 9:31	695961			2695			2.28			3.6			1.2			27.8		