

Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 181009 and PSDTX1670

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
NGFUG	Natural Gas Piping Fugitives (5)	VOC	< 0.01	0.03
		H ₂ S	< 0.01	< 0.01
NH3FUG	SCR Delivery System Fugitives (5)	NH ₃	0.02	0.09
TNK-DSL1	Diesel Tank 1	VOC	0.11	<0.01
TNK-DSL2	Diesel Tank 2	VOC	0.11	<0.01
TNK-DSL3	Diesel Tank 3	VOC	0.11	<0.01
TNK-DSL4	Diesel Tank 4	VOC	0.11	<0.01
FPUMP1	Fire System Pump Engine 1	VOC	2.30	0.12
		NO _x	2.30	0.12
		CO	2.01	0.10
		SO ₂	< 0.01	< 0.01
		PM	0.12	< 0.01
		PM ₁₀	0.12	< 0.01
		PM _{2.5}	0.12	< 0.01
FPUMP2	Fire System Pump Engine 2	VOC	2.30	0.12
		NO _x	2.30	0.12
		CO	2.01	0.10
		SO ₂	< 0.01	< 0.01
		PM	0.12	< 0.01
		PM ₁₀	0.12	< 0.01
		PM _{2.5}	0.12	< 0.01
EGEN1	Emergency Engine 1	VOC	47.35	2.37
		NO _x	47.35	2.37
		CO	25.89	1.29
		SO ₂	0.05	< 0.01

Emission Sources - Maximum Allowable Emission Rates

		PM	1.48	0.07
		PM ₁₀	1.48	0.07
		PM _{2.5}	1.48	0.07
EGEN2	Emergency Engine 2	VOC	47.35	2.37
		NOx	47.35	2.37
		CO	25.89	1.29
		SO ₂	0.05	< 0.01
		PM	1.48	0.07
		PM ₁₀	1.48	0.07
		PM _{2.5}	1.48	0.07
EGEN3	Emergency Engine 3	VOC	47.35	2.37
		NOx	47.35	2.37
		CO	25.89	1.29
		SO ₂	0.05	< 0.01
		PM	1.48	0.07
		PM ₁₀	1.48	0.07
		PM _{2.5}	1.48	0.07
EGEN4	Emergency Engine 4	VOC	47.35	2.37
		NOx	47.35	2.37
		CO	25.89	1.29
		SO ₂	0.05	< 0.01
		PM	1.48	0.07
		PM ₁₀	1.48	0.07
		PM _{2.5}	1.48	0.07
EGEN5	Emergency Engine 5	VOC	47.35	2.37
		NOx	47.35	2.37
		CO	25.89	1.29
		SO ₂	0.05	< 0.01
		PM	1.48	0.07

Emission Sources - Maximum Allowable Emission Rates

		PM ₁₀	1.48	0.07
		PM _{2.5}	1.48	0.07
EGEN6	Emergency Engine 6	VOC	47.35	2.37
		NOx	47.35	2.37
		CO	25.89	1.29
		SO ₂	0.05	< 0.01
		PM	1.48	0.07
		PM ₁₀	1.48	0.07
		PM _{2.5}	1.48	0.07
ENGINE-1	Black Start Generator 1	VOC	28.22	2.82
		NOx	28.22	2.82
		CO	15.43	1.54
		SO ₂	0.03	< 0.01
		PM	0.88	0.09
		PM ₁₀	0.88	0.09
		PM _{2.5}	0.88	0.09
ENGINE-2	Black Start Generator 2	VOC	28.22	2.82
		NOx	28.22	2.82
		CO	15.43	1.54
		SO ₂	0.03	< 0.01
		PM	0.88	0.09
		PM ₁₀	0.88	0.09
		PM _{2.5}	0.88	0.09
MSSFUG	ILE Turbine Maintenance Activities	VOC	8.15	1.31
		NOx	0.01	0.01
		CO	< 0.01	< 0.01
		NH ₃	0.34	< 0.01
		H ₂ S	0.01	< 0.01
		PM	0.40	< 0.01

Emission Sources - Maximum Allowable Emission Rates

		PM ₁₀	0.19	< 0.01
		PM _{2.5}	0.03	< 0.01
CT-1 through CT-3	Cooling Towers 1 through 3 each (6)	PM	0.66	2.89
		PM ₁₀	0.33	1.45
		PM _{2.5}	< 0.01	< 0.01
LOV1 through LOV60	Lube Oil Vents 1 through 60 each (7)	VOC	<0.01	0.01
		PM	<0.01	0.01
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	0.01
GE6BSC-1 through GE6BSC-3	GE6B Simple Cycle Turbine each (Normal Operations) 1-3 (8)	VOC	1.44	-
		NOx	8.27	-
		CO	3.27	-
		NH ₃	7.64	-
		SO ₂	0.78	-
		H ₂ SO ₄	0.12	-
		PM	8.66	-
		PM ₁₀	8.66	-
		PM _{2.5}	8.66	-
GE6BSC-1 through GE6BSC-3	GE6B Simple Cycle Turbine (MSS) 1-3 each (8)	VOC	6.86	-
		NOx	37.96	-
		CO	43.96	-
		NH ₃	7.64	-
		SO ₂	0.78	-
		H ₂ SO ₄	0.12	-
		PM	8.66	-
		PM ₁₀	8.66	-
		PM _{2.5}	8.66	-
GE6BSC-1 through GE6BSC-3	GE6B Simple Cycle Turbine (Annual) 1-3 each (8)	VOC	-	6.45
		NOx	-	37.08

Emission Sources - Maximum Allowable Emission Rates

		CO	-	15.42
		NH ₃	-	16.73
		SO ₂	-	3.40
		H ₂ SO ₄	-	0.52
		PM	-	37.93
		PM ₁₀	-	37.93
		PM _{2.5}	-	37.93
GE6BCC-1 through GE6BCC-3	GE6B Combined Cycle Turbine (Normal Operations) 1-3 each (9)	VOC	1.44	-
		NOx	4.13	-
		CO	2.52	-
		NH ₃	7.64	-
		SO ₂	0.78	-
		H ₂ SO ₄	0.12	-
		PM	8.66	-
		PM ₁₀	8.66	-
		PM _{2.5}	8.66	-
GE6BCC-1 through GE6BCC-3	GE6B Combined Cycle Turbine (MSS) 1-3 each (9)	VOC	6.86	-
		NOx	35.48	-
		CO	43.51	-
		NH ₃	7.64	-
		SO ₂	0.78	-
		H ₂ SO ₄	0.12	-
		PM	8.66	-
		PM ₁₀	8.66	-
		PM _{2.5}	8.66	-
GE6BCC-1 through GE6BCC-3	GE6B Combined Cycle Turbine (Annual) 1-3 each (9)	VOC	-	6.45
		NOx	-	18.97
		CO	-	12.11
		NH ₃	-	16.73

Emission Sources - Maximum Allowable Emission Rates

		SO ₂	-	3.40
		H ₂ SO ₄	-	0.52
		PM	-	37.93
		PM ₁₀	-	37.93
		PM _{2.5}	-	37.93
Phase 1 (10)				
SGT6FSC-1 through SGT6FSC-3	Siemens SGT6-5000F SC (Normal Operations) 1-3 each (11)	VOC	2.67	-
		NOx	38.38	-
		CO	26.86	-
		SO ₂	2.88	-
		H ₂ SO ₄	0.44	-
		PM	9.79	-
		PM ₁₀	9.79	-
		PM _{2.5}	9.79	-
SGT6FSC-1 through SGT6FSC-3	Siemens SGT6-5000F SC (MSS) 1-3 each (11)	VOC	128.20	-
		NOx	93.50	-
		CO	1481.00	-
		SO ₂	2.88	-
		H ₂ SO ₄	0.44	-
		PM	13.50	-
		PM ₁₀	13.50	-
		PM _{2.5}	13.50	-
SGT6FSC-1 through SGT6FSC-3	Siemens SGT6-5000F SC (Annual) 1-3 each (11)	VOC	-	14.12
		NOx	-	170.39
		CO	-	145.54
		SO ₂	-	12.61
		H ₂ SO ₄	-	1.93
		PM	-	43.22
		PM ₁₀	-	43.22

Emission Sources - Maximum Allowable Emission Rates

		PM _{2.5}	-	43.22
SGT8SC-1 through SGT8SC-6	Siemens SGT-800 FB SC (Normal Operations) 1-6 each (12)	VOC	1.17	-
		NOx	15.08	-
		CO	9.18	-
		SO ₂	0.63	-
		H ₂ SO ₄	0.10	-
		PM	2.53	-
		PM ₁₀	2.53	-
		PM _{2.5}	2.53	-
SGT8SC-1 through SGT8SC-6	Siemens SGT-800 FB SC (MSS) 1-6 each (12)	VOC	10.95	-
		NOx	23.55	-
		CO	116.51	-
		SO ₂	0.63	-
		H ₂ SO ₄	0.10	-
		PM	2.53	-
		PM ₁₀	2.53	-
		PM _{2.5}	2.53	-
SGT8SC-1 through SGT8SC-6	Siemens SGT-800 FB SC (Annual) 1-6 each (12)	VOC	-	5.36
		NOx	-	66.42
		CO	-	42.85
		SO ₂	-	2.75
		H ₂ SO ₄	-	0.42
		PM	-	11.08
		PM ₁₀	-	11.08
		PM _{2.5}	-	11.08
TM2500-1 through TM2500-7	TM2500 Temporary Mobile Combustion Turbines 1-7 each (13)	VOC	0.77	3.38
		NOx	18.50	81.04
		CO	1.80	7.89
		SO ₂	0.28	1.22

Emission Sources - Maximum Allowable Emission Rates

		H ₂ SO ₄	0.04	0.19
		PM	3.73	16.35
		PM ₁₀	3.73	16.35
		PM _{2.5}	3.73	16.35
TM2500-8	TM2500 Temporary Mobile Combustion Turbine 8	VOC	0.94	4.13
		NOx	22.58	98.89
		CO	2.20	9.63
		SO ₂	0.34	1.48
		H ₂ SO ₄	0.05	0.23
		PM	3.74	16.40
		PM ₁₀	3.74	16.40
		PM _{2.5}	3.74	16.40
Phase 2 (14)				
SGT6FSC-1 through SGT6FSC-3	Siemens SGT6-5000F SC (Normal Operations) 1-3 each (15)	VOC	2.67	-
		NOx	38.38	-
		CO	26.86	-
		SO ₂	2.88	-
		H ₂ SO ₄	0.44	-
		PM	9.79	-
		PM ₁₀	9.79	-
		PM _{2.5}	9.79	-
SGT6FSC-1 through SGT6FSC-3	Siemens SGT6-5000F SC (MSS) 1-3 each (15)	VOC	128.20	-
		NOx	93.50	-
		CO	1481.00	-
		SO ₂	2.88	-
		H ₂ SO ₄	0.44	-
		PM	13.50	-
		PM ₁₀	13.50	-
		PM _{2.5}	13.50	-

Emission Sources - Maximum Allowable Emission Rates

SGT6FSC-1 through SGT6FSC-3	Siemens SGT6-5000F SC (Annual) 1-3 each (15)	VOC	-	0.40
		NOx	-	4.54
		CO	-	4.19
		SO ₂	-	0.33
		H ₂ SO ₄	-	0.05
		PM	-	1.15
		PM ₁₀	-	1.15
		PM _{2.5}	-	1.15
SGT6FCC-1 through SGT6FCC-3	Siemens SGT6-5000F CC (Normal Operations) 1-3 each (16)	VOC	6.00	-
		NOx	17.26	-
		CO	10.50	-
		NH ₃	31.88	-
		SO ₂	3.24	-
		H ₂ SO ₄	0.50	-
		PM	10.87	-
		PM ₁₀	10.87	-
		PM _{2.5}	10.87	-
SGT6FCC-1 through SGT6FCC-3	Siemens SGT6-5000F CC (MSS) 1-3 each (16)	VOC	150.00	-
		NOx	94.60	-
		CO	1,167.00	-
		NH ₃	31.88	-
		SO ₂	3.24	-
		H ₂ SO ₄	0.50	-
		PM	22.40	-
		PM ₁₀	22.40	-
		PM _{2.5}	22.40	-
SGT6FCC-1 through SGT6FCC-3	Siemens SGT6-5000F CC (Annual) 1-3 each (16)	VOC	-	27.92
		NOx	-	75.20
		CO	-	61.04

Emission Sources - Maximum Allowable Emission Rates

		NH ₃	-	67.98
		SO ₂		13.80
		H ₂ SO ₄	-	2.11
		PM	-	46.69
		PM ₁₀	-	46.69
		PM _{2.5}	-	46.69
SGT8SC-1 through SGT8SC-6	Siemens SGT-800 FB SC (Normal Operations) Simple Cycle 1-6 each (17)	VOC	1.17	-
		NOx	15.08	-
		CO	9.18	-
		SO ₂	0.63	-
		H ₂ SO ₄	0.10	-
		PM	2.53	-
		PM ₁₀	2.53	-
		PM _{2.5}	2.53	-
SGT8SC-1 through SGT8SC-6	Siemens SGT-800 FB SC (MSS) Simple Cycle 1-6 each (17)	VOC	10.95	-
		NOx	23.55	-
		CO	116.51	-
		SO ₂	0.63	-
		H ₂ SO ₄	0.10	-
		PM	2.53	-
		PM ₁₀	2.53	-
		PM _{2.5}	2.53	-
SGT8SC-1 through SGT8SC-6	Siemens SGT-800 FB SC (Annual) Simple Cycle 1-6 each (17)	VOC	-	0.15
		NOx	-	1.76
		CO	-	1.17
		SO ₂	-	0.07
		H ₂ SO ₄	-	0.01
		PM	-	0.29
		PM ₁₀	-	0.29

Emission Sources - Maximum Allowable Emission Rates

		PM _{2.5}	-	0.29
SGT8CC-1 through SGT8CC-6	Siemens SGT-800 FB CC (Normal Operations) Combined Cycle 1-6 each (18)	VOC	1.30	-
		NOx	3.74	-
		CO	2.28	-
		NH ₃	6.92	-
		SO ₂	0.70	-
		H ₂ SO ₄	0.11	-
		PM	2.82	-
		PM ₁₀	2.82	-
		PM _{2.5}	2.82	-
SGT8CC-1 through SGT8CC-6	Siemens SGT-800 FB CC (MSS) Combined Cycle 1-6 each (18)	VOC	20.38	-
		NOx	35.75	-
		CO	91.67	-
		NH ₃	6.92	-
		SO ₂	0.70	-
		H ₂ SO ₄	0.11	-
		PM	2.82	-
		PM ₁₀	2.82	-
		PM _{2.5}	2.82	-
SGT8CC-1 through SGT8CC-6	Siemens SGT-800 FB CC (Annual) Combined Cycle 1-6 each (18)	VOC	-	6.06
		NOx	-	16.84
		CO	-	12.06
		NH ₃	-	14.75
		SO ₂	-	2.99
		H ₂ SO ₄	-	0.46
		PM	-	12.04
		PM ₁₀	-	12.04
		PM _{2.5}	-	12.04
SGT8SC-7 through SGT8SC-54	Siemens SGT-800 SC (Normal Operations) Simple Cycle 7-54 each	VOC	1.35	-

Emission Sources - Maximum Allowable Emission Rates

		NOx	17.50	-
		CO	5.92	-
		SO ₂	0.73	
		H ₂ SO ₄	0.11	-
		PM	3.09	-
		PM ₁₀	3.09	-
		PM _{2.5}	3.09	-
SGT8SC-7 through SGT8SC-54	Siemens SGT-800 SC (MSS) Simple Cycle 7-54 each (19)	VOC	21.82	-
		NOx	24.96	-
		CO	104.14	-
		SO ₂	0.73	
		H ₂ SO ₄	0.11	-
		PM	3.09	-
		PM ₁₀	3.09	-
		PM _{2.5}	3.09	-
SGT8CC-7 through SGT8CC-54	Siemens SGT-800 CC (Normal Operations) Combined Cycle 7-54 each (20)	VOC	1.35	-
		NOx	3.89	-
		CO	2.37	-
		NH ₃	7.18	-
		SO ₂	0.73	-
		H ₂ SO ₄	0.11	-
		PM	3.09	-
		PM ₁₀	3.09	-
		PM _{2.5}	3.09	-
SGT8CC-7 through SGT8CC-54	Siemens SGT-800 CC (MSS) Combined Cycle 7-54 each (20)	VOC	21.82	-
		NOx	15.66	-
		CO	101.72	-
		NH ₃	7.18	-
		SO ₂	0.73	-

Emission Sources - Maximum Allowable Emission Rates

		H ₂ SO ₄	0.11	-
		PM	3.09	-
		PM ₁₀	3.09	-
		PM _{2.5}	3.09	-
SGT800SC/CC-7 through SGT800SC/CC-54	SGT800-7 through SGT800-54 Annual Cap (21)	VOC	-	306.61
		NO _x	-	1,258.31
		CO	-	733.07
		NH ₃	-	737.66
		SO ₂	-	153.29
		H ₂ SO ₄	-	23.46
		PM	-	650.11
		PM ₁₀	-	650.11
		PM _{2.5}	-	650.11

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
- PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- CO - carbon monoxide
- H₂SO₄ - sulfuric acid mist
- H₂S - hydrogen sulfide
- NH₃ - ammonia
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Hourly and annual emission rates are for each individual Cooling Tower (3 cooling towers). See Form PI-1 dated February 27, 2026 (Application, Appendix B-7), for individual EPNs and source names.
- (7) Hourly and annual emission rates are for each individual Lube Oil Vent (60 lube oil vents). See Form PI-1 dated February 27, 2026 (Application, Appendix B-7), for individual EPNs and source names.
- (8) Hourly and annual emission rates are for each individual GE6B Turbine operating in simple cycle mode (3 turbines). See Form PI-1 dated February 27, 2026 (Application, Appendix B-7), for individual EPNs and source names.
- (9) Hourly and annual emission rates are for each individual GE6B Turbine operating in combined cycle mode (3 turbines). See Form PI-1 dated February 27, 2026 (Application, Appendix B-7), for individual EPNs and source names.
- (10) Emission rates for sources authorized for operation during Phase 1. Phase 1 and Phase 2 sources shall not be operated simultaneously.
- (11) Hourly and annual emission rates are for each individual Siemens SGT6F Turbine operating in simple cycle mode (3 turbines). See Form PI-1 dated August 1, 2025, revised September 24, 2025, for individual EPNs and source names.

Emission Sources - Maximum Allowable Emission Rates

- (12) Hourly and annual emission rates are for each individual Siemens SGT-800 FB Turbine operating in simple cycle mode (6 turbines). See Form PI-1 dated August 1, 2025, revised September 24, 2025, for individual EPNs and source names.
- (13) Hourly and annual emission rates are for each individual TM2500 Temporary Mobile Combustion Turbine (7 turbines). See Form PI-1 dated August 1, 2025, revised September 24, 2025, for individual EPNs and source names.
- (14) Emission rates for sources authorized for operation during Phase 2. Phase 1 and Phase 2 sources shall not be operated simultaneously.
- (15) Hourly and annual emission rates are for each individual Siemens SGT6-5000F Turbine operating in simple cycle mode (3 turbines). See Form PI-1 dated February 27, 2026 (Application, Appendix B-7), for individual EPNs and source names.
- (16) Hourly and annual emission rates are for each individual Siemens SGT6-5000F Turbine operating in combined cycle mode (3 turbines). See Form PI-1 dated February 27, 2026 (Application, Appendix B-7), for individual EPNs and source names.
- (17) Hourly and annual emission rates are for each individual Siemens SGT-800 FB Turbine operating in simple cycle mode (6 turbines). See Form PI-1 dated February 27, 2026 (Application, Appendix B-7), for individual EPNs and source names.
- (18) Hourly and annual emission rates are for each individual Siemens SGT-800 FB Turbine operating in combined cycle mode (6 turbines). See Form PI-1 dated February 27, 2026 (Application, Appendix B-7), for individual EPNs and source names.
- (19) Hourly emission rates are for each individual Siemens SGT-800 Turbine operating in simple cycle mode (48 turbines). See Form PI-1 dated February 27, 2026 (Application, Appendix B-7), for individual EPNs and source names.
- (20) Hourly emission rates are for each individual Siemens SGT-800 Turbine operating in combined cycle mode (48 turbines). See Form PI-1 dated February 27, 2026 (Application, Appendix B-7), for individual EPNs and source names.
- (21) Total annual emission rate cap for the Siemens SGT-800 Turbine (48 turbines). See Form PI-1 dated February 27, 2026 (Application, Appendix B-7), for individual EPNs and source names.

Date: June 8, 2026

Emission Sources - Maximum Allowable Emission Rates

Permit Number GHGPSDTX254

This table lists the maximum allowable emission rates of greenhouse gas (GHG) emissions, as defined in Title 30 Texas Administrative Code § 101.1, for all sources of GHG air contaminants on the applicant's property that are authorized by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities authorized by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates
			TPY (4)
NGFUG	Natural Gas Piping Fugitives	CO ₂ (5)	0.16
		CH ₄ (5)	30.00
		CO ₂ e	840.03
FPUMP1	Fire System Pump Engine 1	CO ₂ (5)	19.97
		CH ₄ (5)	< 0.01
		N ₂ O (5)	< 0.01
		CO ₂ e	20.04
FPUMP2	Fire System Pump Engine 2	CO ₂ (5)	19.97
		CH ₄ (5)	< 0.01
		N ₂ O (5)	< 0.01
		CO ₂ e	20.04
EGEN1	Emergency Engine 1	CO ₂ (5)	256.81
		CH ₄ (5)	0.01
		N ₂ O (5)	< 0.01
		CO ₂ e	257.65
EGEN2	Emergency Engine 2	CO ₂ (5)	256.81
		CH ₄ (5)	0.01
		N ₂ O (5)	< 0.01
		CO ₂ e	257.65
EGEN3	Emergency Engine 3	CO ₂ (5)	256.81
		CH ₄ (5)	0.01
		N ₂ O (5)	< 0.01
		CO ₂ e	257.65
EGEN4	Emergency Engine 4	CO ₂ (5)	256.81
		CH ₄ (5)	0.010
		N ₂ O (5)	< 0.01
		CO ₂ e	257.65

Emission Sources - Maximum Allowable Emission Rates

EGEN5	Emergency Engine 5	CO ₂ (5)	256.81
		CH ₄ (5)	0.01
		N ₂ O (5)	< 0.01
		CO ₂ e	257.65
EGEN6	Emergency Engine 6	CO ₂ (5)	256.81
		CH ₄ (5)	0.01
		N ₂ O (5)	< 0.01
		CO ₂ e	257.65
ENGINE-1	Black Start Generator 1	CO ₂ (5)	228.28
		CH ₄ (5)	< 0.01
		N ₂ O (5)	< 0.01
		CO ₂ e	229.03
ENGINE-2	Black Start Generator 2	CO ₂ (5)	228.28
		CH ₄ (5)	< 0.01
		N ₂ O (5)	< 0.01
		CO ₂ e	229.03
MSSFUG	ILE Turbine Maintenance Activities	CO ₂ (5)	0.05
		CH ₄ (5)	10.20
		CO ₂ e	315.03
FUG-SF6	Circuit Breaker Sulfur Hexafluoride (SF6) Fugitives	SF ₆ (5)	0.41
		CO ₂ e	9,546.88
GE6BSC-1 through GE6BSC-3	GE6B Simple Cycle Turbine 1-3 each (6)	CO ₂ (5)	283,150.89
		CH ₄ (5)	5.34
		N ₂ O (5)	0.53
		CO ₂ e	283,441.73
GE6BCC-1 through GE6BCC-3	GE6B Combined Cycle Turbine 1-3 each (7)	CO ₂ (5)	283,150.89
		CH ₄ (5)	5.34
		N ₂ O (5)	0.53
		CO ₂ e	283,441.73
Phase 1 (8)			
SGT6FSC-1 through SGT6FSC-3 Project Number: 405710	Siemens SGT6-5000F SC 1-3 each (9)	CO ₂ (5)	1,051,363.68
		CH ₄ (5)	19.81
		N ₂ O (5)	1.98
		CO ₂ e	1,052,443.58
SGT8SC-1 through SGT8SC-6	Siemens SGT-800 FB SC 1-6 each (10)	CO ₂ (5)	229,560.64

Emission Sources - Maximum Allowable Emission Rates

		N ₂ O (5)	0.43
		CO ₂ e	229,796.43
TM2500-1 through TM2500-7	TM2500 Temporary Mobile Combustion Turbines 1-7 each (11)	CO ₂ (5)	101,354.38
		CH ₄ (5)	1.91
		N ₂ O (5)	0.19
		CO ₂ e	101,458.48
TM2500-8	TM2500 Temporary Mobile Combustion Turbine 8	CO ₂ (5)	123,672.69
		CH ₄ (5)	2.33
		N ₂ O (5)	0.23
		CO ₂ e	123,799.72
Phase 2 (12)			
SGT6FSC-1 through SGT6FSC-3	Siemens SGT6-5000F SC 1-3 each (13)	CO ₂ (5)	27,844.34
		CH ₄ (5)	0.52
		N ₂ O (5)	0.05
		CO ₂ e	27,872.94
SGT6FCC-1 through SGT6FCC-3	Siemens SGT6-5000F CC 1-3 each (14)	CO ₂ (5)	1,150,677.33
		CH ₄ (5)	21.69
		N ₂ O (5)	2.17
		CO ₂ e	1,151,859.23
SGT8SC-1 through SGT8SC-6	Siemens SGT-800 FB SC Simple Cycle 1-6 each (15)	CO ₂ (5)	6,079.69
		CH ₄ (5)	0.11
		N ₂ O (5)	0.01
		CO ₂ e	6,085.93
SGT8CC-1 through SGT8CC-6	Siemens SGT-800 FB CC Combined Cycle 1-6 each (16)	CO ₂ (5)	249,631.21
		CH ₄ (5)	4.70
		N ₂ O (5)	0.47
		CO ₂ e	249,887.62
SGT800SC/CC-7 through SGT800SC/CC-54	SGT800-7 through SGT800-54 Annual Cap (17)	CO ₂ (5)	12,782,729.54
		CH ₄ (5)	240.91
		N ₂ O (5)	24.09
		CO ₂ e	12,795,859.18

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.
Project Number: 405710

Emission Sources - Maximum Allowable Emission Rates

- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) CO₂ - carbon dioxide
N₂O - nitrous oxide
CH₄ - methane
HFCs - hydrofluorocarbons
PFCs - perfluorocarbons
SF₆ - sulfur hexafluoride
CO₂e - carbon dioxide equivalents based on the following Global Warming Potentials (GWPs).
The GWPs effective January 1, 2025 and later (89 FR 31894, April 25, 2024) are the following:
CO₂ (1), N₂O (265), CH₄ (28), SF₆ (23,500), HFC (various), PFC (various).
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period. These rates include emissions from maintenance, startup, and shutdown.
- (5) Emission rate is given for informational purposes only and does not constitute enforceable limit.
- (6) Emission rates are for each individual GE6B Turbine operating in simple cycle mode (3 turbines). See Form PI-1 dated February 27, 2026 (Application, Appendix B-7), for individual EPNs and source names.
- (7) Emission rates are for each individual GE6B Turbine operating in combined cycle mode (3 turbines). See Form PI-1 dated February 27, 2026 (Application, Appendix B-7), for individual EPNs and source names.
- (8) Emission rates for sources authorized for operation during Phase 1. Phase 1 and Phase 2 sources shall not be operated simultaneously.
- (9) Emission rates are for each individual Siemens SGT6F Turbine operating in simple cycle mode (3 turbines). See Form PI-1 dated August 1, 2025, revised September 24, 2025, for individual EPNs and source names.
- (10) Emission rates are for each individual Siemens SGT-800 FB Turbine operating in simple cycle mode (6 turbines). See Form PI-1 dated August 1, 2025, revised September 24, 2025, for individual EPNs and source names.
- (11) Emission rates are for each individual TM2500 Temporary Mobile Combustion Turbine (7 turbines). See Form PI-1 dated August 1, 2025, revised September 24, 2025, for individual EPNs and source names.
- (12) Emission rates for sources authorized for operation during Phase 2. Phase 1 and Phase 2 sources shall not be operated simultaneously.
- (13) Emission rates are for each individual Siemens SGT6-5000F Turbine operating in simple cycle mode (3 turbines). See Form PI-1 dated February 27, 2026 (Application, Appendix B-7), for individual EPNs and source names.
- (14) Emission rates are for each individual Siemens SGT6-5000F Turbine operating in combined cycle mode (3 turbines). See Form PI-1 dated February 27, 2026 (Application, Appendix B-7), for individual EPNs and source names.
- (15) Emission rates are for each individual Siemens SGT-800 FB Turbine operating in simple cycle mode (6 turbines). See Form PI-1 dated February 27, 2026 (Application, Appendix B-7), for individual EPNs and source names.
- (16) Emission rates are for each individual Siemens SGT-800 FB Turbine operating in combined cycle mode (6 turbines). See Form PI-1 dated February 27, 2026 (Application, Appendix B-7), for individual EPNs and source names.
- (17) Total annual emission rate cap for the Siemens SGT-800 Turbine (48 turbines). See Form PI-1 dated February 27, 2026 (Application, Appendix B-7), for individual EPNs and source names.

Date: June 8, 2026