Table 1, Summary of Air Pollutant Standards and Terms

City of Tallahassee
Sam O. Purdom Generating Station

Final Permit No. 1290001-011-AV
Facility ID No. 1290011

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U. ID No.	Brief Description
007	Fossil Fuel Fired Steam Generator, Unit No. 7

Pollutant Name or Parameter	Fuel(s)	Hours/Year	Allowable Emissions Standard(s)	lbs./hour	TPY	Equivalent Emissions* lbs./hour	Equivalent Emissions* TPY	Regulatory Citation(s)	See permit condition(s)
VE	Gas/Oil	8,760	20% w/ 27% for 6 min/hr					Rule 62-296.405(1)(a), F.A.C.	III.A.6.
VE-SB	Gas/Oil		60% 3 hrs/24 hrs					Rule 62-210.700(3), F.A.C.	III.A.7.
PM	Gas/Oil	8,760	0.1 lb/MMBtu			62.1	272.0	Rule 62-296.405(1)(b), F.A.C.	III.A.8.
PM-SB	Gas/Oil	1,095	0.3 lb/MMBtu			186.3		Rule 62-210.700(3), F.A.C.	III.A.9.
SO_2	Oil	8,760	1.87 lb/MMBtu					Rule 62-296.405(1)(c)1.h., F.A.C.	III.A.10.
SO_2	Oil	8,760	max. 1.70% S by weight			1,161.3		Rule 62-296.405(1)(e)3., F.A.C. & Applicant Request	III.A.11.
Facility-wide emissions cap - SO_2	Oil	8,760			80[1]			PSD-FL-239	FW11.
Facility-wide emissions cap - NOx	Gas/Oil	8,760			467[1]			PSD-FL-239	FW13.
Arsenic	Used Oil		5 ppm (10,000 gal/yr)				0.00	40 CFR 279	III.A.32.
Cadmium	Used Oil		2 ppm (10,000 gal/yr)				0.00	40 CFR 279	"
Chromium	Used Oil		10 ppm (10,000 gal/yr)				0.00	40 CFR 279	"
Lead	Used Oil		100 ppm (10,000 gal/yr)				0.00	40 CFR 279	"
Total Halogens	Used Oil		1,000 ppm (10,000 gal/yr)				0.04	40 CFR 279	"
PCBs	Used Oil		<50 ppm (10,000 gal/yr)				0.00	40 CFR 279	"

Notes:
* The "Equivalent Emissions" listed are for informational purposes only.
[1] Facility-wide emissions caps.

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E.U. ID No.	Brief Description
008	Simple Cycle Combustion Turbine Unit No. 1
009	Simple Cycle Combustion Turbine Unit No. 2

The following apply to each individual unit.

Pollutant Name or Parameter	Fuel(s)	Hours/Year	Allowable Emissions Standard(s)	lbs./hour	TPY	Equivalent Emissions* lbs./hour	Equivalent Emissions* TPY	Regulatory Citation(s)	See permit condition(s)
VE	natural gas and/or No. 2 fuel oil	8,760	< 20%			N/A	N/A	Rule 62-296.320(4)(b)1., F.A.C.	III.B.5.
SO_2	No. 2 fuel oil	8,760	max. 0.05% S by weight			11.7	51.25	Rule 62-213.440, F.A.C.; and, Applicant Request	III.B.6.
Facility-wide emissions cap - SO_2	natural gas and/or No. 2 fuel oil	8,760			80[1]			PSD-FL-239	FW11.
Facility-wide emissions cap - NOx	natural gas and/or No. 2 fuel oil	8,760			467[1]			PSD-FL-239	FW13.

Notes:
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N/A represents not applicable.
[1] Facility-wide emissions caps.

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City of Tallahassee
Sam O. Purdom Generating Station

Final Permit No. 1290001-011-AV
Facility ID No. 1290011

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E.U. ID No.	**Brief Description**
011	Auxiliary Boiler

Pollutant Name or Parameter	Fuel(s)	Hours/Year	Allowable Emissions Standard(s)	lbs./hour	TPY	Equivalent Emissions* lbs./hour	Equivalent Emissions* TPY	Regulatory Citation(s)	See permit condition(s)
VE	Gas	2,000	20% w/ 27% for 6 min/hr			N/A	N/A	Rule 62-296.406(1), BACT, F.A.C	III.C.7.
PM	Gas	2,000	N/A			N/A	N/A	Rule 62-296.406(2), BACT, F.A.C	III.C.8.
SO_2	Gas	2,000	N/A			N/A	N/A	Rule 62-296.406(3), BACT, F.A.C	III.C.9.
Facility-wide emissions cap - SO_2	Gas	2,000			80[1]			PSD-FL-239	FW11.
Facility-wide emissions cap - NOx	Gas	2,000			467[1]			PSD-FL-239	FW13.

Notes:
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N/A represents not applicable.
[1] Facility-wide emissions caps.

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City of Tallahassee — Final Permit No. 1290001-011-AV

Sam O. Purdom Generating Station — Facility ID No. 1290011

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E.U. ID No. 014 — **Brief Description** Combined Cycle Combustion Turbine Unit No. 8

Pollutant Name or Parameter	Fuel(s)	Hours/Year	Allowable Emissions Standard(s)	lbs./hour	TPY	Equivalent Emissions* lbs./hour	Equivalent Emissions* TPY	Regulatory Citation(s)	See permit condition(s)
NOx	Natural Gas	8,760	12 ppmvd @15% O_2, 30-day rolling avg.					PSD-FL-239A/1290001-005-AC and BACT	III.D.9.
NOx	No. 2 fuel oil	8,760	42 ppmvd @15% O_2, 30-day rolling avg.					PSD-FL-239&A/1290001-002 & 005-AC and BACT	III.D.10.
CO	Natural Gas	8,760	25 ppmvd @15% O_2, 3-hr test avg.					PSD-FL-239/1290001-002-AC and BACT	III.D.11.
CO	No. 2 fuel oil	8,760	90 ppmvd @15% O_2, 3-hr test avg.					PSD-FL-239/1290001-002-AC and BACT	III.D.12.
VE	natural gas and/or No. 2 fuel oil	8,760	10% opacity			N/A	N/A	PSD-FL-239/1290001-002-AC and BACT	III.D.13.
PM_{10}, SAM, & SO_2	natural gas and/or No. 2 fuel oil	8,760	good combustion techniques and the fuel sulfur limitations			N/A	N/A	PSD-FL-239/1290001-002-AC; BACT; and, Applicant Request	III.D.14.
SO_2	No. 2 fuel oil	8,760	max. 0.05% S by weight					PSD-FL-239/1290001-002-AC and BACT	III.D.15.
Facility-wide emissions cap - SO_2	No. 2 fuel oil	8,760			80[1]			PSD-FL-239	FW11.
Facility-wide emissions cap - NOx	natural gas and/or No. 2 fuel oil	8,760			467[1]			PSD-FL-239	FW13.
CO_2	All	8,760	N/A			N/A	N/A	40 CFR 60.334(b)	

Notes:

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[1] Facility-wide emissions caps.