Table 1, Summary of Air Pollutant Standards and Terms

FPL
West County Energy Center

Final Permit No. 0990646-004-AV
Facility ID No. 0990646

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**

001 - 006 | Combined Cycle Combustion Turbine and Heat Recovery Steam Generator, Unit 1 and Unit 2

The following apply to each individual CT

Pollutant Name or Parameter	Mode/ Method of Operation	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)
CO	Combustion Turbine (CT)	ULSD fuel oil	500 hrs/yr	8.0 ppmvd	42.0			10.5	AC/PSD-FL-354, as amended	III.A.9.
CO	CT & Duct Burner (DB)	Natural Gas	8760 hrs/yr	7.6 ppmvd	52.5				"	III.A.9.
CO	CT Normal	Natural Gas	8760 hrs/yr	4.1 ppmvd	23.2				"	III.A.9.
CO	any	all		6 ppmvd 12-month rolling avg by CEMS				420.5	"	III.A.9.
NO_X	CT	ULSD fuel oil	500 hrs/yr	8.0 ppmvd				20.6	"	III.A.9.
NO_X	CT & DB	Natural Gas	8760 hrs/yr	2.0 ppmvd				106.0	"	III.A.9.
NO_X	CT Normal	Natural Gas	8760 hrs/yr	2.0 ppmvd				106.0	"	III.A.9.
PM/PM_{10}	Combustion Turbine (CT)	ULSD fuel oil	500 hrs/yr	0.0015% sulfur ULSD fuel oil			36.0	9.0	"	III.A.9.
PM/PM_{10}	CT & Duct Burner (DB)	Natural Gas	8760 hrs/yr	2 gr S/100 SCF of gas			14.8	64.82	"	III.A.9.
PM/PM_{10}	CT Normal	Natural Gas	8760 hrs/yr	2 gr S/100 SCF of gas					"	III.A.9.
SAM/SO_2	Combustion Turbine (CT)	ULSD fuel oil	500 hrs/yr	0.0015% sulfur ULSD fuel oil			3.4	0.85	"	III.A.9.
SAM/SO_2	CT & Duct Burner (DB)	Natural Gas	8760 hrs/yr	2 gr S/100 SCF of gas			16.9	74.02	"	III.A.9.
SAM/SO_2	CT Normal	Natural Gas	8760 hrs/yr	2 gr S/100 SCF of gas			14.0	61.32	"	III.A.9.
VOC	Combustion Turbine (CT)	ULSD fuel oil	500 hrs/yr	6.0 ppmvd	19.6			4.9	"	III.A.9.
VOC	CT & Duct Burner (DB)	Natural Gas	8760 hrs/yr	1.5 ppmvd	5.4			23.65	"	III.A.9.
VOC	CT Normal	Natural Gas	8760 hrs/yr	1.2 ppmvd	4.1			17.96	"	III.A.9.
VE	any	all		≤10% opacity					"	III.A.10.
VE	startups, shutdowns, and malfunctions	all		up to 10 6-min. avgs. per day ≤20% opacity					"	III.A.11.

Notes:

* The "Equivalent Emissions" listed are for informational purposes only.

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E.U. ID No.	**Brief Description**
009 & 010	One Limited Use Gas-fueled Auxiliary Boiler and Two Gas-fired Process Heaters

Pollutant Name or Parameter	Fuel(s)	Hours/Year	Allowable Emissions Standard(s)	lbs./hour	TPY	Equivalent Emissions* lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)
-009 One Limited Use Gas-fueled Auxiliary Boiler									
CO	natural gas	1,500	0.08 lb/MMBtu			7.82	5.87	PSD-FL-354, as amended	III.B.3.
NOx	natural gas	1,500	0.05 lb/MMBtu			4.9	3.68	PSD-FL-354, as amended	III.B.3.
SO_2	natural gas	1,500	2 grains S / 100 scf			0.54	0.41	PSD-FL-354, as amended	III.B.3.
VE	natural gas	1,500	10%					PSD-FL-354, as amended	III.B.3.
-010 Two Gas-fired Process Heaters									
The following apply to each individual heater									
CO	natural gas	8,760	0.08 lb/MMBtu			0.66	2.9	PSD-FL-354, as amended	III.B.4.
NOx	natural gas	8,760	0.095 lb/MMBtu			0.79	3.5	PSD-FL-354, as amended	III.B.4.
SO_2	natural gas	8,760	2 grains S / 100 scf			0.046	0.2	PSD-FL-354, as amended	III.B.4.
VE	natural gas	8,760	10%					PSD-FL-354, as amended	III.B.4.

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E.U. ID No.	**Brief Description**
011	Three Emergency Generators/Engines (EPA Tier 1 certified)

The following apply to each individual engine

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)
CO	fuel oil	160	8.5 grams/HP-hour			61.6	4.93	PSD-FL-354	III.C.4.
NOx	fuel oil	160	6.9 grams/HP-hour			50.0	4.0	PSD-FL-354	III.C.4.
SO_2	fuel oil	160	0.0015% S by weight			0.017	0.0014	PSD-FL-354	III.C.5.
PM/PM_{10}	fuel oil	160	0.40 grams/HP-hour			2.9	0.23	PSD-FL-354	III.C.4.
NMHC	fuel oil	160	1.0 grams/HP-hour			7.24	0.58	PSD-FL-354	III.C.4.

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E.U. ID No.	**Brief Description**
012	One Emergency Fire Pump Engine (EPA Tier 1 certified)

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)
CO	fuel oil	80	2.6 grams/HP-hour			1.72	0.07	PSD-FL-354	III.D.3.
NOx	fuel oil	80	6.8 grams/HP-hour			4.4	0.18	PSD-FL-354	III.D.3.
SO_2	fuel oil	80	0.05% S by weight			0.053	0.002	PSD-FL-354	III.D.2.
PM	fuel oil	80	0.40 grams/HP-hour			0.26	0.01	PSD-FL-354	III.D.3.
NMHC	fuel oil	80	1.0 grams/HP-hour			0.66	0.026	PSD-FL-354	III.D.3.

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