Table 1-1, Air Pollutant Standards and Terms

Permit No. **0850001-017-AV**
Facility ID No. **0850001**

Florida Power & Light Company
Martin Plant

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(s).	Brief Description	Pollutant Name	Fuel(s)	Hours/Year	Allowable Emissions Standard(s)	Allowable Emissions lbs/hour	Allowable Emissions TPY	Equivalent Emissions* lbs/hour	Equivalent Emissions* TPY	Regulatory Citations	See Permit Conditions
-001	Fossil Fuel Fired	PM	Oil	8760	0.1 lb/MMBtu			865	3788.7	40 CFR 60.42	**A.5**
-002	Steam Generators		Gas	8760	0.1 lb/MMBtu						
		SO2	Oil	8760	0.8 lb/MMBtu			6920	30309	40 CFR 60.43	**A.9**
		NOx	Oil	8760	0.3 lb/MMBtu			2595	11366.1	40 CFR 60.44	**A.10**
			Gas	8760	0.2 lb/MMBtu			1808	7919.04		
		VE	Oil	8760	Not > 20%						**A.8**
-003	Combined Cycle	PM/PM10	Oil	2000		60.6	100			Rule 62-212.410, F.A.C.	**B.6**
-004	Combustion Turbines		Gas	8760		18					
-005	Units 3 and 4	SO2	Oil	2000	0.5% sulfur	920	568			40 CFR 60.333	**B.6**
-006			Gas	8760		91.5					
		NOx	Oil	2000	65 ppmvd @ 15% O2	461	3108			40 CFR 60.332	**B.6**
			Gas	8760	25 ppmvd @ 15% O2	177					
		VOC	Oil	2000	6 ppmvd	11	57			Rule 62-210.200 (39), F.A.C.	**B.6**
			Gas	8760	1.6 ppmvd	3					
		CO	Oil	2000	33 ppmvd	105.8	871			Rule 62-210.200 (39), F.A.C.	**B.6**
			Gas	8760	30 ppmvd	94.3					
		PB	Oil	2000		0.015	0.015			Rule 62-210.200 (39), F.A.C.	**B.6**
			Gas	8760		Negligible					
		SAM	Oil	2000		113	70			Rule 62-210.200 (39), F.A.C.	**B.7**
			Gas	8760		11.2					
		H114	Oil	2000		0.0052	0.34			Rule 62-210.200 (39), F.A.C.	**B.7**
			Gas	8760		0.021					
		FL	Oil	2000		0.055	0.055			Rule 62-210.200 (39), F.A.C.	**B.7**
		H021	Oil	2000		0.004	0.004			Rule 62-210.200 (39), F.A.C.	**B.7**
		VE	Oil	2000	Not > 20%					Rule 62-210.200 (39), F.A.C.	**B.8**
			Gas	8760	Not > 10%						
-007	Auxiliary	VE	Oil	8760	Not > 20%					40 CFR 60.43c	**C.5**
	Boiler	NOx	Gas/Oil	8760	0.3 lb/MMBtu			4.88	21.37	Rule 62-210.200 (39), F.A.C.	**C.10**
		SO2	Gas/Oil	8760	0.3% Sulfur in Oil					Rule 62-210.200 (39), F.A.C.	**C.8**
-009	Diesel Generator	NOx	Oil	400	15 gm./hp-hr.					Rule 62-210.200 (39), F.A.C.	**D.2**
	(for -003 to -006)	SO2	Oil	400	0.3% Sulfur in Oil					Rule 62-210.200 (39), F.A.C.	**D.3**

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

COMBINED CYCLE UNIT 8

Each gas turbine shall fire no more than 500 hours of distillate oil during any consecutive 12 months.
After demonstrating initial compliance in combined cycle mode, the combined group of four gas turbines shall operate in simple cycle for no more than an average of 1000 hours per gas turbine during any consecutive 12 months.
Continuous Emissions Monitoring System (CEMS): Block Average , ppmvd @ 15% O2

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E.U. ID No(s).	Brief Description	Pollutant	Fuel	Mode	Stack Test, 3-Run Average ppmvd@15%O2	Stack Test, 3-Run Average lb/hr	CEMS ppmvd	Equivalent Emissions lbs/hour	Equivalent Emissions TPY	Regulatory Citations	See Permit Conditions
-011 -012 -017 -018	Combined Cycle Combustion Turbine Unit 8	CO	Oil	Simple or Combined Cycle	14.4	64.7	15.0, 24-hr			Rule 62-210.200 (39), F.A.C.	**H.9**
			Gas	Simple Cycle	7.4	27.5	8.0, 24-hr				
				Simple Cycle w/PA	12	45	12.0, 24-hr				
				Combined Cycle, Normal	7.4	27.5					
				Combined Cycle, All Modes	NA	NA	10.0, 24-hr				
		NOx	Oil	Simple Cycle	42	319.2	42, 3-hr			Rule 62-210.200 (39), F.A.C.	**H.9**
				Combined Cycle w/SCR	10	76	10.0, 24-hr				
			Gas	Simple Cycle	9	58.7	9.0, 24-hr				
				Simple Cycle w/PA	12	76.2	12.0, 24-hr				
				Simple Cycle w/Peaking	15	95.3	15.0, 24-hr				
				Combined Cycle w/SCR, Normal	2.5	16.3					
				Combined Cycle w/SCR and DB	2.5	23.6					
				Combined Cycle w/SCR, All Modes	NA	NA	2.5, 24-hr				
		PM/PM10	Oil/Gas	Simple or Combined	Fuel Specifications					Rule 62-210.200 (39), F.A.C.	**H.9**
				Simple or Combined	Visible emissions shall not exceed 10% opacity for each 6-minute block average.						
		SAM/SO2	Oil/Gas	Simple or Combined	Fuel Specifications					Rule 62-210.200 (39), F.A.C.	**H.9**
		VOC	Oil	Simple or Combined Cycle	2.5	6	NA			Rule 62-210.200 (39), F.A.C.	**H.9**
			Gas	Simple or Normal Combined Cycle	1.3	2.8	NA				
				Combined Cycle, w/DB and/or PA	4	10.5	NA				
		Ammonia	Oil/Gas	Combined Cycle w/SCR	5	NA	NA			Rule 62-210.200 (39), F.A.C.	**H.9**