

# Department of Environmental Protection

FILE

Jeb Bush  
Governor

South District  
P.O. Box 2549  
Fort Myers, Florida 33902-2549

David B. Struhs  
Secretary

May 4, 1999

CERTIFIED MAIL #Z 252 620 703  
RETURN RECEIPT REQUESTED

Mr. Charles M. Drake  
Manager Sebring Power  
Tampa Electric Company  
Post Office Box 111  
Tampa, Florida 33604-0111

Re: PROPOSED Title V Permit No.: 0550018-001-AV  
Tampa Electric Company  
EMA- Lake Wales Ridge

Dear Mr. Drake:

One copy of the "PROPOSED PERMIT DETERMINATION" for the Tampa Electric Company located at 7301 Airport Road, Sebring, Florida, Highlands County, is enclosed. This letter is only a courtesy to inform you that the DRAFT permit has become a PROPOSED permit.

An electronic version of this determination has been posted on the Division of Air Resources Management's world wide web site for the United States Environmental Protection Agency (USEPA) Region 4 office's review. The web site address is <http://www2.dep.state.fl.us/air>.

Pursuant to Section 403.0872(6), Florida Statutes, if no objection to the PROPOSED permit is made by the USEPA within 45 days, the PROPOSED permit will become a FINAL permit no later than 55 days after the date on which the PROPOSED permit was mailed (posted) to USEPA. If USEPA has an objection to the PROPOSED permit, the FINAL permit will not be issued until the permitting authority receives written notice that the objection is resolved or withdrawn.

If you should have any questions, please contact Jerry Smith at (941) 332-6975. Your cooperation in this matter is appreciated.

Sincerely,

Margaret F. Highsmith  
Director of  
District Management

MFH/JRS/MGN/jw

Enclosures

copy furnished to:

Thomas W. Davis, P.E.

Scott Sheplak, Bureau of Air Regulation (INTERNET E-mail Memorandum)

Ms. Carla E. Pierce, USEPA, Region 4 (INTERNET E-mail Memorandum)

Ms. Gracy Danois, USEPA, Region 4 (INTERNET E-mail Memorandum)

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

Z 252 620 703

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MR CHARLES M DRAKE, MANAGER	
Street & Number	
TAMPA ELECTRIC CO	
Post Office, State, & ZIP Code	
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TAMPA FL 33601-0111	
Certified Fee	
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MR CHARLS M DRAKE  
MANAGER SEBRING POWER  
TAMPA ELECTRIC CO  
P O BOX 111  
TAMPA FL 33601-0111

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)

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4a. Article Number

Z 252 620 703

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JRS/jw

Thank you for using Return Receipt Service.

Tampa Electric Company  
J. H. Phillips Station  
Facility ID No.: 0550018  
Highlands County

Initial Title V Air Operation Permit  
PROPOSED Permit No.: 0550018-001-AV

Permitting Authority:

State of Florida Department of Environmental Protection  
Post Office Box 2549  
Fort Myers, Florida 33902-2549  
Telephone: (941) 332-6975  
Fax: (941) 332-6969

Compliance Authority

Department of Environmental Protection  
South District  
Post Office Box 2549  
Fort Myers, Florida 33902-2549  
Telephone: (941)332-6975  
Fax: (941)332-6969

## **PROPOSED PERMIT DETERMINATION**

PROPOSED Permit No.: 0550018-001-AV

Page 1 of 1

### **I. Public Notice.**

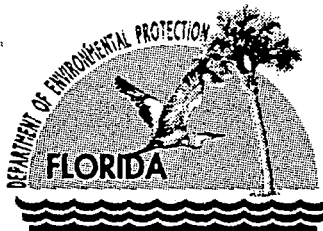
An "INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" to Tampa Electric Company located at 7301 Airport Road, Sebring, Florida, Highlands County was clerked on , February 5,1999. The "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" was published in The Tampa Tribune. The DRAFT Title V Air Operation Permit was available for public inspection at the South District in Fort Myers and the permitting authority's office in Fort Myers. Proof of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" was received on March 11,1999.

### **II. Public Comment(s).**

No comments were received during the 30 (thirty) day public comment period. Since no comments were received, the DRAFT Title V Air Operation Permit becomes the PROPOSED Title V Air Operation Permit with the addition of a Facility-wide condition (no.10) requiring the submittal of an Annual Operating Report by Tampa Electric Company.

### **III. Conclusion.**

The permitting authority hereby issues the PROPOSED Permit No.: 0550018-001-AV, with any changes noted above.



Jeb Bush  
Governor

# Department of Environmental Protection

South District  
P.O. Box 2549  
Fort Myers, Florida 33902-2549

David B. Struhs  
Secretary

PERMITTEE:  
Tampa Electric Company

**PROPOSED Permit No.: 0550018-001-AV**  
Facility ID No.: 0550018  
SIC Nos.: 4911  
Project: Initial Title V Air Operation Permit

This permit is for the operation of two slow speed diesel engines and a steam boiler.

The slow speed diesel engines drive electric generators and burn No. 6 fuel oil. The maximum heat input for each engine is 172 MMBtu/hour. The boiler burns No. 2 fuel oil and the steam is used to heat the No. 6 fuel oil. The maximum heat input for the boiler is 10.4 MMBtu/hour. The facility is located at 7301 Airport Road, Sebring, Florida, Highlands County; UTM Coordinates: Zone 17, 464.30 km East and 3035.40 km North; Latitude: 27°26' 35" North and Longitude: 81°21' 40" West.

**STATEMENT OF BASIS:** This Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-213. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

**Referenced attachments made a part of this permit:**

APPENDIX TV-3, TITLE V CONDITIONS (version dated 04/30/99)  
[Rule 62-296.406, F.A.C.] BACT dated September 3, 1992

**Effective Date:** [Month day, year]  
**Renewal Application Due Date:** [Month day, year]  
**Expiration Date:** [Month day, year]

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

**PROPOSED**

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Margaret F. Highsmith  
Director of  
District Management

MFH/JRS/MGN/jw

Initial Title V Air Operation Permit  
PROPOSED Permit No.: 0550018-001-AV

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**Section I. Facility Information.**

**Subsection A. Facility Description.**

This facility consists of two 19.535 MW slow speed diesel engines, two heat recovery steam boilers, an auxiliary 10.4 MMBtu/hour steam boiler, a steam turbine, and recirculating cooling water system, fuel oil storage tanks and ancillary support equipment.

Based on the initial Title V permit application received June 14, 1996 this facility is a major source of air pollutants.

**Subsection B. Summary of Emissions Unit ID No(s). and Brief Description(s).**

**E.U.**

<b><u>ID No.</u></b>	<b><u>Brief Description</u></b>
001	19.535 MW slow speed diesel generating unit
002	19.535 MW slow speed diesel generating unit
003	Emergency diesel generating unit
004	Steam Boiler

Two slow speed diesel engines fired with No. 6 fuel oil, and an auxiliary steam boiler fired with No. 2 fuel oil. The emergency diesel generating unit operates less than 400 hours/year.

*Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s). on all correspondence, test report submittals, applications, etc.*

**Subsection C. Relevant Documents.**

The documents listed below are not a part of this permit, however, are specifically related to this permitting action.

These documents are provided to the permittee for information purposes only:

Table 1-1, Summary of Air Pollutant Standards and Terms

Table 2-1, Summary of Compliance Requirements

Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers

Appendix H-1, Permit History/ID Number Changes

These documents are on file with permitting authority:

Initial Title V Permit Application received June 14, 1996.

<u>E.U. ID No.</u>	<u>Description</u>	<u>Permit No.</u>	<u>Issue Date</u>	<u>Expiration Date</u>
001	Diesel Generator	AO28-234787	10/15/93	10/05/98
		AO28-154204	09/16/88	09/16/93
		AO28-71313	07/28/83	07/28/88
		AC28-7377	03/16/81	08/16/83
002	Diesel Generator	AO28-234794	10/15/93	10/05/98
		AO28-154205	09/16/88	09/16/93
		AO28-71315	07/28/83	07/28/88
		AC28-7291	03/16/81	08/16/83
003	Diesel Generator	AO28-125884	05/14/87	05/14/92 Declared Exempt 3/3/92
004	Steam Boiler	AO28-234735	11/17/93	10/05/98
		AC28-221558	03/10/93	03/10/98

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**Section II. Facility-wide Conditions.**

**The following conditions apply facility-wide:**

1. APPENDIX TV-3, TITLE V CONDITIONS, (version dated 04/30/99) is a part of this permit. {Permitting note: APPENDIX TV-3, TITLE V CONDITIONS, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested or otherwise appropriate.}
2. **Not federally enforceable.** General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.  
[Rule 62-296.320(2), F.A.C.]
3. General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C.  
[Rule 62-296.320(4)(b)1. & 4., F.A.C.]
4. Prevention of Accidental Releases (Section 112(r) of CAA). If required by 40 CFR 68, the permittee shall submit to the implementing agency:
  - a. a risk management plan (RMP) when, and if, such requirement becomes applicable; and
  - b. certification forms and/or RMP's according to the promulgated rule schedule.[40 CFR 68]
5. Insignificant Emissions Units and or Activities. Appendix I - List of insignificant emission units and/or activities, is a part of this permit.
6. **Not federally enforceable.** General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.  
[Rule 62-296.320(1)(a), F.A.C. ]
7. The hours of operation of this facility are not limited.
8. If the department has reason to believe that any applicable emission standard or condition of the permit is being violated, then the department may require the permittee to conduct compliance tests or keep additional records which identify the nature and quantity of pollutant emissions.  
[ Rule 62-297.310(7)(b), F.A.C. ]

Tampa Electric Company  
J. H. Phillips Station  
Page 5

PROPOSED Permit No.: 0550018-001-AV

9. When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.

[Rule 62-213.440, F.A.C.]

10. Annual Operating Report for Air Pollutant Emitting Facility. The Annual Operating Report for Air Pollutant Emitting Facility (DEP Form No. 62-210.900(5)) shall be completed each year for all Title V sources. The annual operating report shall be submitted to the Department of Environmental Protection (DEP) South District office by March 1 of the following year unless otherwise indicated by permit condition or Department request.

[Rule 62-210.370(3)(a)&(c), F.A.C.]

11. The permittee shall submit all compliance related notifications and reports required of this permit to the Department's South District office:

Department of Environmental Protection  
South District  
Post Office Box 2549  
Fort Myers, Florida 33902-2549  
Telephone: 941/332-6975  
Fax: 941/332-6969

12. Any reports, data, notifications, certifications, and requests required to be sent to the United States Environmental Protection Agency, Region 4, should be sent to:

United States Environmental Protection Agency  
Region 4  
Air & EPCRA Enforcement Branch,  
Air Compliance Section  
61 Forsyth Street  
Atlanta, Georgia 30303  
Telephone: 404/562-9099  
Fax: 404/562-9095

**Section III. Emissions Unit(s) and Conditions.**

**Subsection A. This section addresses the following emissions unit(s).**

**E.U.**

<b><u>ID No.</u></b>	<b><u>Brief Description</u></b>
001	19.535 MW slow speed diesel generating unit
002	19.535 MW slow speed diesel generating unit

**The following specific conditions apply:**

**Essential Potential to Emit (PTE) Parameters**

**A.1. Permitted Capacity.** The maximum operation heat input rate is as follows:

<b><u>Unit No.</u></b>	<b><u>MMBtu/hour</u></b>	<b><u>Fuel Type</u></b>
001	172	No. 6 fuel oil
002	172	No. 6 fuel oil

**A.2. Methods of Operation. Fuels.**

a. This facility is authorized to fire Number 6 fuel oil with a sulfur content of  $\leq 2.5\%$  in the diesel generating units.

[Rule 62-210.200, F.A.C., Definitions: Potential-to-Emit].

**A.3. Hours of Operation.** These emissions units are allowed to operate continuously, i.e. 8760 hours/year.

[Rules 62-4,160(2) and 62-210.200(PTE), F.A.C.]

**Emission Limitations and Standards**

**A.4.** The allowable emissions for each slow-speed diesel engine shall be as follows:

<b>Pollutant</b>	<b>Maximum Emissions</b>	<b>lb/hour</b>
Nitrogen Oxides (NO <sub>x</sub> )	819 PPM @ 15% O <sub>2</sub>	572
Carbon Monoxide (CO)	0.575 lb/MMBtu	99
Hydrocarbons (HC)	0.26 lb/MMBtu	45
Particulate Matter (PM)	0.1 lb/MMBtu	17
Sulfur Dioxide (SO <sub>2</sub> )	2.67 lb/MMBtu	460

[BACT Dated February 17, 1981]

**Test Methods and Procedures**

**A.5.** Nitrogen oxide emission tests are required to show continuing compliance with the standards of the Department. The test results must provide reasonable assurance that the unit is capable of compliance at the permitted maximum operating rate. Test shall be conducted in accordance with EPA Method 7E as published in 40 CFR-60, Appendix A, or State approved equivalent method. Such tests shall be conducted once during each Federal fiscal year.

[Construction permit No. AC28-221558 dated March 16, 1981 and Rule 62-212.410, F.A.C.]

**A.6.** Carbon monoxide emission tests are required to show continuing compliance with the standards of the Department. The test results must provide reasonable assurance that the unit is capable of compliance at the permitted maximum operating rate. Test shall be conducted in accordance with EPA Method 10 as published in 40 CFR-60, Appendix A, or State approved equivalent method. Such tests shall be conducted once during each Federal fiscal year.

[Construction permit No. AC28-221558 dated March 16, 1981.]

**A.7.** Visible emission tests are required to show continuing compliance with the standards of the Department. The test results must provide reasonable assurance that the unit is capable of compliance at the permitted maximum operating rate. Test shall be conducted in accordance with EPA Method 9 as published in 40 CFR-60, Appendix A, or State approved equivalent method. Such tests shall be conducted once during each Federal fiscal year.

[Construction permit No. AC28-221558 dated March 16, 1981 and Rule 62-297.310(7), F.A.C.]

**A.8.** If the opacity determined by EPA method 9 is greater than 10% then a particulate matter emissions test is required. The test shall be conducted in accordance with EPA Method 5 as published in 40 CFR-60, Appendix A, or State approved equivalent method.

[Construction permit No. AC28-221558 dated March 16, 1981.]

**A.9.** Compliance with the sulfur dioxide emission limit may be calculated from analyses of sulfur in the fuel oil. Sulfur content in fuel shall not exceed 2.5% by weight.

[Construction permit No. AC28-221558 dated March 16, 1981.]

**A.10.** The following parameters are to be monitored on a daily basis. Appropriate records shall be maintained on site for Department Inspection:

- (a) Intake manifold temperature
- (b) Intake manifold pressure
- (c) Fuel flow
- (d) Injector flow

[Construction permit No. AC28-221558 dated March 16, 1981.]

**A.11.** Stack sampling facilities provided by the owner shall be in accordance with the requirements of Chapter 62-297. F.A.C.

**Subsection B.** This section addresses the following emission unit(s).

<u>E.U.</u>	
<u>ID No.</u>	<u>Brief Description</u>
004	Steam Boiler

The following specific conditions apply:

**Essential Potential to Emit (PTE) Parameters**

**B.1. Permitted Capacity.** The maximum operation heat input rate is 10.46 MMBtu/hour.  
[Construction permit No. AC28-221558 dated March 10, 1993]

**B.2. Methods of Operation. Fuel.** This boiler is authorized to burn No. 2 fuel oil with a sulfur content  $\leq 0.5\%$  by weight.  
[Construction permit No. AC28-221558 dated March 10, 1993]

**B.3.** This emissions unit is allowed to operate continuously, i.e., 8760 hours/year.

**Emission Limitations and Standards**

**B.4.** Visible emissions shall not exceed 20% opacity under normal operation except for up to 6 minutes in any one hour during which the average opacity shall not exceed 27%.  
[Rule 62-296.406(1), F.A.C.]

**Test Methods and Procedures**

**B.5.** Visible emissions tests are required to show continuing compliance with the standards of the Department. The test results must provide reasonable assurance that the unit is capable of compliance at the permitted maximum operating rate. Tests shall be conducted in accordance with EPA Method 9 as published in 40 CFR-60, Appendix A, or State approved equivalent method. Such tests shall be conducted once during each Federal fiscal year. Results shall be submitted to the Department within 45 days after testing. The Department shall be notified at least 15 days prior to testing to allow witnessing.  
[Rule 62-297.310(7), F.A.C.]

**Subsection C. Common Conditions**

**E.U.**

<b><u>ID No.</u></b>	<b><u>Brief Description</u></b>
001	Diesel Generator
002	Diesel Generator
004	Steam Boiler

**The following conditions apply to the emissions units listed above:**

**C.1.** Tampa Electric Company shall maintain daily records, in a permanent form suitable for inspection, documenting the sulfur content of all fuels burned. The records shall contain, as a minimum, for each day, the sulfur content of the fuels, the amount of each fuel burned, Btu content, and density of the fuel. The records shall contain sufficient detail to allow the Department to determine whether the emissions were properly computed. All recorded data shall be maintained on file for a period of at least 5 years. Quarterly reports shall be submitted for those quarters in which the facility is in service. The reports shall be sent to the Department within 30 days of the end of the quarter giving monthly summaries of the following data:

- a) Pounds of sulfur dioxide per million Btu of heat input based on a monthly average.
- b) The amount of each type of fuel burned for the reporting period.

[BACT dated February 17, 1981]

**C.2.** Annual compliance testing is not required for these emissions units while burning only liquid fuel(s) for less than 400 hour per year.

[Rules 62-297.310(7)(a)3 . and 5., F.A.C.; and ASP Number 97-B-01.]

**Test Methods and Procedures**

**C.3.** Operating Rate During Testing. Testing of emissions should be conducted with the source operating within 10% of its rated capacity. Testing may be conducted at less than 90% of rated capacity; however, if so, subsequent source operation is limited to up to 110% of the test load. Once the unit is so limited, operation at higher capacities is allowed for purposes of additional compliance testing to regain rated capacity in the permit with prior notification of Department's South District.

[Rule 62-297.310(2) and (2)(b), F.A.C.]

**C.4.** Issuance of this permit does not relieve the permittee from complying with applicable emission limiting standards or other requirements of Rules 62-210, 62-212, 62-252, 62-272, 62-273, 62-275, 62-296, and 62-297, F.A.C., or any other requirements under Federal, State, or local law.

[Rule 62-210.300, F.A.C.]

**Appendix H-1, Permit History/ID Number Changes**

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**Permit History (for tracking purposes):**

<u>E.U. ID No.</u>	<u>Description</u>	<u>Permit No.</u>	<u>Issue Date</u>	<u>Expiration Date</u>
001	Diesel Generator	AO28-234787	10/15/93	10/05/98
		AO28-154204	09/16/88	09/16/93
		AO28-71313	07/28/83	07/28/88
		AC28-7377	03/16/81	08/16/83
002	Diesel Generator	AO28-234794	10/15/93	10/05/98
		AO28-154205	09/16/88	09/16/93
		AO28-71315	07/28/83	07/28/88
		AC28-7291	03/16/81	08/16/83
003	Diesel Generator	AO28-125884	05/14/87	05/14/92 Declared Exempt 3/3/92
004	Steam Boiler	AO28-234735	11/17/93	10/05/98
		AC28-221558	03/10/93	03/10/98

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From: Facility ID No.: 52FTM280018

To: Facility ID No.: 0550018

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Notes:

- 1 - AO permit(s) automatic extension(s) in Rule 62-210.300(2)(a)3.a., F.A.C., effective 3/21/96.
- 2 - AC permit(s) automatic extension(s) in Rule 62-213.420(1)(a)4., F.A.C., effective 03/20/96.  
{Rule 62-213.420(1)(b)2., F.A.C., effective 03/20/96, allows Title V Sources to operate under existing valid permits}

**Appendix I-1, List of Insignificant Emissions Units and/or Activities.**

**Permit History (for tracking purposes):**

<u>E.U.</u>	
<u>ID No.</u>	<u>Brief Description</u>
003	Emergency Diesel Generator Fuel Oil Storage Tanks Ancillary Support Equipment



**Table 1-1, Summary of Air Pollutant Standards and Terms**

Tampa Electric Company  
J. H. Phillips Station

PROPOSED Permit No.: 0550018-001-AV  
Facility ID No.: 0550018

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

**E.U. ID No.**      **Brief Description:**  
001& 002      Diesel Generator

Pollutant Name	Fuel(s)	Hours/Year	Allowable Emissions			Equivalent Emissions		Regulatory Citation(s)	See Permit Conditions
			Standard(s)	lbs/hour	TPY	lbs/hour	TPY		
NO <sub>x</sub>	Oil	8760	819PPM @15% O <sub>2</sub>	572	2505	572	2505	BACT Dated 02/17/81	A.4.
CO	Oil	8760	0.575 lb/MMBtu	99	434	99	434	BACT Dated 02/17/81	A.4.
HC	Oil	8760	0.26 lb/MMBtu	45	197	45	197	BACT Dated 02/17/81	A.4.
PM	Oil	8760	0.1 LB/MMBtu	17	74.5	17	74.5	BACT Dated 02/17/81	A.4.
SO <sub>2</sub>	Oil	8760	2.5% S 2.67lb/MMBtu	460	2015	460	2015	BACT Dated 02/17/81	A.4.

**Notes:**

\* The "Equivalent Emissions" listed are for informational purpose only.

**Table 1-1, Summary of Air Pollutant Standards and Terms**

Tampa Electric Company  
 J. H. Phillips Station

**PROPOSED Permit No.: 0550018-001-AV**  
**Facility ID No.: 0550018**

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

**E.U. ID No.**      **Brief Description:**  
 002                  Diesel Generator

Pollutant	Fuel(s)	Hours/Year	Allowable Emissions			Equivalent Emissions		Regulatory Citation(s)	See Permit Conditions
			Standard(s)	lbs/hour	TPY	lbs/hour	TPY		
NO <sub>x</sub>	Oil	8760	819PPM @15% O <sub>2</sub>	572	2505	572	2505	BACT Dated 02/17/81	A.4.
CO	Oil	8760	0.575 lb/MMBtu	99	434	99	434	BACT Dated 02/17/81	A.4.
HC	Oil	8760	0.26 lb/MMBtu	45	197	45	197	BACT Dated 02/17/81	A.4.
PM	Oil	8760	0.1 LB/MMBtu	17	74.5	17	74.5	BACT Dated 02/17/81	A.4.
SO <sub>2</sub>	Oil	8760	2.5% S 2.67lb/MMBtu	460	2015	460	2015	BACT Dated 02/17/81	A.4.

**Notes:**  
 \* The "Equivalent Emissions" listed are for informational purpose only.

**Table 1-1, Summary of Air Pollutant Standards and Terms**

Tampa Electric Company  
J. H. Phillips Station

**PROPOSED Permit No.: 0550018-001-AV**  
**Facility ID No.: 0550018**

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

**E.U. ID No.**      **Brief Description:**  
004                  Steam Boiler

Pollutant Name	Fuel(s)	Hours/Year	Allowable Emissions			Equivalent Emissions		Regulatory Citation(s)	See Permit Conditions
			Standard(s)	lbs/hour	TPY	lbs/hour	TPY		
NO <sub>x</sub>	Oil	8760	0.5% S	5.29	23.2	1.49	6.53	Construction Permit Dated 03/10/93 Rule 62-296	B.1., B.2., B.3.  B.4., B.5., C.2.
SO <sub>2</sub>	Oil	8760				5.29	23.2		
PM	Oil	8760				0.15	0.65		

**Notes:**  
\* The "Equivalent Emissions" listed are for informational purpose only.

**Table 2-1, Summary of Compliance Requirements**

Tampa Electric Company  
J. H. Phillips Station

**PROPOSED Permit No.: 0550018-001-AV**  
**Facility ID No.: 0550018**

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

**E.U. ID No.**      **Brief Description:**  
004                  Steam Boiler

Pollutant Name or Parameter	Fuels	Compliance Method	Testing Time Frequency	Frequency Base Date*	Minimum Compliance Test Duration	CMS**	See Permit Condition(s)
NO <sub>x</sub> SO <sub>2</sub> PM	Oil Oil Oil	Record Keeping Record Keeping V.E.	Once/Year	09/30/99	1 Hour		B.2., C.1. B.2., C.1. B.4., B.5., C.2.

**Notes:**

- \* The frequency base date is established for planning only; see Rule 62-297.310, F.A.C.
- \*\* CMS [ = ] continuous monitoring system

**Table 2-1, Summary of Compliance Requirements**

Tampa Electric Company  
J. H. Phillips Station

PROPOSED Permit No.: 0550018-001-AV  
Facility ID No.: 0550018

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

**E.U. ID No.**      **Brief Description:**  
001& 002      Diesel Generator

Pollutant Name or Parameter	Fuels	Compliance Method	Testing Time Frequency	Frequency Base Date*	Minimum Compliance Test Duration	CMS**	See Permit Condition(s)
NO <sub>x</sub>	Oil	EPA Method 7 E	Once/Year	09/30/99	3 Hours		A.4., A.5., A.11.,
CO	Oil	EPA Method 10	Once/Year	09/30/99	3 Hours		A.4., A.6., A.11.
HC	Oil	Record Keeping					A.4.
PM	Oil	VE	Once/Year	09/30/99	0.5 Hour		A.4., 3, A.7., A.8.
SO <sub>2</sub>	Oil	Record Keeping					A.2., A.3., A.4., A.9.

**Notes:**

\* The frequency base date is established for planning only; see Rule 62-297.310, F.A.C.

\*\* CMS [ = ] continuous monitoring system

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**Table 2-1, Summary of Compliance Requirements**

Tampa Electric Company  
J. H. Phillips Station

PROPOSED Permit No.: 0550018-001-AV  
Facility ID No.: 0550018

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

**E.U. ID No.**     **Brief Description:**  
002                   Diesel Generator

Pollutant Name or Parameter	Fuels	Compliance Method	Testing Time Frequency	Frequency Base Date*	Minimum Compliance Test Duration	CMS**	See Permit Condition
NO <sub>x</sub>	Oil	EPA Method 7 E	Once/Year	09/30/99	3 Hours		A.4., A.5., A.11.,
CO	Oil	EPA Method 10	Once/Year	09/30/99	3 Hours		A.4., A.6., A.11.
HC	Oil	Record Keeping					A.4.
PM	Oil	VE	Once/Year	09/30/99	0.5 Hour		A.4., 3, A.7., A.8.
SO <sub>2</sub>	Oil	Record Keeping					A.2., A.3., A.4., A.5.

**Notes:**

\* The frequency base date is established for planning only; see Rule 62-297.310, F.A.C.

\*\* CMS [ = ] continuous monitoring system