



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

NOTICE OF ADMINISTRATIVELY CORRECTED AIR OPERATION PERMIT

In the Matter of a Request for Administrative Correction:

Tampa Electric Company
702 North Franklin Street
Tampa, Florida 33602

Authorized Representative:
Mr. Ronald Bishop, Director – Big Bend Station

Project No. 0570039-085-AV
Administrative Correction to:
Permit No. 0570039-083-AV
Hillsborough County

Dear Mr. Bishop,

Enclosed is an administrative permit correction for air operation permit No. 0570039-083-AV for the Big Bend Station, which is located in Hillsborough County at 13031 Wyandotte Road in Apollo Beach, Florida. This administrative permit correction is issued pursuant to Rule 62-210.360, Florida Administrative Code (F.A.C.), and Chapter 403, Florida Statutes (F.S.). This corrective action does not alter the effective dates of the existing permit. A copy of this corrective action shall be kept on file at the facility with the permit being corrected and shall be incorporated into the permit the next time it is opened. This change is made at the applicant's request, dated February 26, 2016, to administratively correct **Specific Conditions B.16** and **B.29** for Emissions Unit (EU) 004, in Title V air operation permit No. 0570039-083-AV. EU 004 is Fossil Fuel Fired Steam Generator Unit No. 4 at the referenced facility.

EU 004 is currently regulated under the New Source Performance Standards (NSPS) Subpart Da (Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978) of 40 Code of Federal Regulations (CFR) 60, adopted and incorporated by reference in Rule 62-204.800(8)(b)2., F.A.C. and PSD permit No. PSD-FL-040, which was issued on October 19, 1981. At that time, the only opacity limitation imposed on EU004 was the 20% opacity limit from 40 CFR 60, Subpart Da. Effective April 24, 2013, EPA revised Subpart Da to exempt owners of affected units from the opacity standard if they choose to install particulate matter (PM) CEMS. Appendix NSPS Subpart Da of Title V permit No. 0570039-083-AV specifies the following conditions:

“§60.42Da (b). Except as provided in paragraphs (b)(1) and (b)(2) of this section, on and after the date the initial PM performance test is completed or required to be completed under §60.8, whichever date comes first, an owner or operator of an affected facility shall not cause to be discharged into the atmosphere any gases which exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity.

- (1) An owner or operator of an affected facility that elects to install, calibrate, maintain, and operate a continuous emissions monitoring system (CEMS) for measuring PM emissions according to the requirements of this subpart is exempt from the opacity standard specified in this paragraph (b) of this section.*
- (2) An owner or operator of an affected facility that combusts only natural gas and/or synthetic natural gas that chemically meets the definition of natural gas is exempt from the opacity standard specified in paragraph (b) of this section.”*

NOTICE OF ADMINISTRATIVELY CORRECTED AIR CONSTRUCTION PERMIT

Because the facility elected to install, calibrate, maintain, and operate a PM CEMS to comply with the Mercury and Air Toxics Rule (40 CFR 63, Subpart UUUUU), the revision to Subpart Da made the opacity standard listed in PSD permit No. PSD-FL-040 obsolete. As such, pursuant to Rule 62-210.300(1)(b)1., F.A.C., the obsolete opacity limitation in the PSD permit is not required to be included in the Title V air operation permit as an applicable requirement. Therefore, EU 004 is specifically exempt from the 20 percent opacity standard specified in 40 CFR 60.42Da(b), which is reflected in **Specific Condition B.16**. In addition, since the EU 004 is no longer subject to an opacity standard, the annual test requirement shall not be applicable, as specified in Rule 62-297.310(8)(a)3., F.A.C.

The Department of Environmental Protection (Department) will consider the above-noted action final unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S. Mediation under Section 120.573, F.S., will not be available for this proposed action.

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) by the Agency Clerk in the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS #35, Tallahassee, Florida 32399-3000, Agency_Clerk@dep.state.fl.us, before the deadline. Petitions filed by the permit applicant or any of the parties listed below must be filed within 14 (fourteen) days of receipt of this notice. Petitions filed by any other person must be filed within 14 (fourteen) days of receipt of this proposed action. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of when and how each petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this written notice. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Judicial Review: Any party to this permitting decision (order) has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel, Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed

NOTICE OF ADMINISTRATIVELY CORRECTED AIR CONSTRUCTION PERMIT

within 30 days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.

For:

Syed Arif, P.E., Program Administrator
Office of Permitting and Compliance
Division of Air Resource Management

SA/dlr/pks

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Air Permit package was sent by electronic mail, or a link to these documents made available electronically on a publicly accessible server, with received receipt requested before the close of business on the date indicated below to the following persons.

Mr. Ronald Bishop, TEC, Director – Big Bend Station: rdbishop@tecoenergy.com

Mr. Byron Burrows, TEC: btburrows@tecoenergy.com

Mr. Robert Velasco, P.E., TEC: ravelasco@tecoenergy.com

Mr. Steve Morgan, SWD: steve.morgan@dep.state.fl.us

Ms. Diana Lee, EPCHC: lee@epchc.org

DEP Siting Office: SCO@dep.state.fl.us

Ms. Alisa Coe, Earth Justice: acoe@earthjustice.org

Ms. Ana Oquendo, EPA Region 4 (oquendo.ana@epa.gov)

Ms. Natasha Hazziez, EPA Region 4 (hazziez.natasha@epa.gov)

Ms. Lynn Searce, DEP OPC: lynn.searce@dep.state.fl.us

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on
this date, pursuant to Section 120.52(7), Florida Statutes,
with the designated agency clerk, receipt of which is
hereby acknowledged.

NOTICE OF ADMINISTRATIVELY CORRECTED AIR CONSTRUCTION PERMIT

The following permit is revised as indicated. ~~Strikethrough~~ is used to denote the deletion of text Double-underlines are used to denote the addition of text. All changes are emphasized with shading.

Permit Being Administratively Corrected: Permit No. 0570039-083-AV

- Section III, Subsection B, Specific Condition B.16 is administratively corrected as follows:

B.16. ~~Reserved~~ Visible Emissions. As determined by EPA Method 9, VE shall not exceed 20% opacity (6-minute average), except for one 6-minute period per hour during which opacity shall not exceed 27%. [Rules 62-204.800(8)(b)2. and 62-296.405(2)(a), F.A.C.; 40 CFR 60.42Da(b); and, Permit No. PSD-FL-040, Table 1.]

- Section III, Subsection B, Specific Condition B.16 is administratively corrected as follows:

B.29. Annual Compliance Test Required. During each calendar year (January 1st to December 31st), Unit 4 shall be tested to demonstrate compliance with the emission limitations and standards for opacity and ammonia slip. The certified CEMS and annual RATA test data shall satisfy the requirements of the annual compliance requirements for PM, CO, NO_x and SO₂. The annual compliance tests will be used in lieu of the compliance test prior to renewal. [Rule 62-297.310(8), F.A.C.]

- Section VI, Referenced attachment Table 1, Page 1-3 of 5, VE requirement for EU 004 is administratively corrected as follows:

EU No.	Pollutant	Fuels	Maximum Allowable Emissions Standards ⁴	Equivalent Emissions		Regulatory Citations	Permit Conditions
				lb/hour	tons/year		
004 Continued	SO ₂	Solid Fuels	0.82 lb/MMBtu ³ or 90% SO ₂ Reduction	3,551	15,553.4	40 CFR 60.43Da(a), Subpart Da 62-212.400(BACT), F.A.C. PSD-FL-040 40 CFR 63, Subpart UUUUU	B.14
			<i>Effective 4/16/2015</i> 0.20 lb/MMBtu or 1.5 lb/MWh; Or HCl limit	866.0	3,793.1		
	PM ₁₀	All	0.01 lb/MMBtu			0570039-060-AC 40 CFR 60.42Da, Subpart Da 62-296.700(4)(b)1(PM RACT), F.A.C. 0570039-060-AC 40 CFR 63, Subpart UUUUU	B.15
			0.03 lb/MMBtu				
			<i>Effective 4/16/2015</i> 0.03 lb/MMBtu or 0.3 lb/MWh				
	<u>VE</u>		<u>20% Opacity, 6-minute period/hour 27% Opacity</u> <u>(Normal Operations)</u>			<u>62-296.405(2)(a), F.A.C.</u> <u>40 CFR 60.42Da(b), Subpart Da</u> <u>PSD-FL-040</u>	<u>B.16</u>
	NH ₃ Slip	Solid Fuels	10 ppm ^{12, 20}	38.51	168.7	0570039-020-AC	B.17
	HCl		<i>Effective 4/16/2015</i> 0.002 lb/MMBtu or 0.02 lb/MWH	8.7	37.9	40 CFR 63, Subpart UUUUU	B.18
	Hg		<i>Effective 4/16/2015</i> 1.2 lb/TBtu or 0.02 lb/TWh	0.5	0.02	40 CFR 63, Subpart UUUUU	B.19

- Section VI, Referenced attachment Table 2, Page 2-1 of 2, VE requirement is administratively corrected as follows:

EU No.	Pollutant	Compliance Method	Testing Frequency	Minimum Compliance Test Duration	Permit Conditions
001 - 003	VE-SB	Method 9	Continuous & Annual	>60% opacity allowed for not more than 4, 6-minute periods for 3-hours	A.11.b, A.23
001 - 004	VE <u>(Only EUs 001 - 003)</u>	Method 9		6-minute average, 30-minute test except for one 6-minute/hour 27% Opacity	A.23, A.26, B.27
	NO _x	CEMS or Methods 7, 7A, 7C, 7D or 7E (when required)	Continuous RATA	30-day rolling average	
	SO ₂	CEMS or Methods 6, 6A, 6B or 6C (when required)		2-hour average 3-hour average 24-hour block average 30-day rolling average	