



TAMPA ELECTRIC

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MAR 25 2014

**DIVISION OF AIR
RESOURCE MANAGEMENT**

March 24, 2014

Ms. Tammy McWade
Florida Department of Environmental Protection
2600 Blair Stone Road
MS #5505
Tallahassee, Florida 32399-2400

Via FedEx
Airbill No. 7983-1681-8878

Ms. Ana Oquendo
EPA Region 4
Sam Nunn Atlanta Federal Center
61 Forsyth Street, S.W.
Atlanta, GA 30303

Via Email
oquendo.ana@epa.gov

**Re: Tampa Electric Company
Air Operation Permit
Proof of Publication of the Intent to Issue
Permit No. 0570040-034-AC**

Dear Ms. McWade & Ms. Oquendo:

Pursuant to Rule 62-110.106(5), F.A.C., enclosed is the proof of publication of the Notice of Intent to Issue the Tampa Electric Company H.L. Culbreath Bayside Power Station Air Operation Permit. This notice was published in the legal section of the Tampa Tribune on March 20, 2014.

Thank you for your attention to this matter. If you have any concerns or questions feel free to contact me or Laurie Pence at (813) 228-4457.

Sincerely,

Byron T. Burrows, P.E.
Manager - Air Programs
Environmental, Health & Safety

EHSiymlmf171

Enclosures

TAMPA ELECTRIC COMPANY
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Florida Department of Environmental Protection
Division of Air Resource Management, Office of
Permitting and Compliance
Draft/Proposed Title V Air Operation Permit
Renewal No. 0570040-035-AV
Draft Air Construction Permit Revision No. 0570040-
034-AC (PSD-FL-301F)
Tampa Electric Company, H. L. Culbreath Bayside
Power Station
Hillsborough County, Florida

Applicant: The applicant for this project is Tampa
Electric Company. The applicant's responsible
official and mailing address are: Frank Busot,
Director, Tampa Electric Company, Post Office Box
111, Tampa, Florida 33601-0111.

Facility Location: The applicant operates the
existing H. L. Culbreath Bayside Power Station,
which is located in Hillsborough County at 3602
Port Sutton Road, Tampa, Florida.

Project: The applicant applied on January 20, 2014,
to the Department for an air construction permit
revision and a renewed Title V air operation
permit.

The existing facility is an electric power plant
consisting of six primary electrical generating
units. Unit 1 (EU 020, EU 022) is a "3-on-1"
combined cycle gas turbine system with a nominal
generating capacity of 746 megawatt (MW), which
consists of three gas turbines (169 MW each) and
one steam electrical generator (239 MW). Unit 2
(EU 023, EU 026) is a "4-on-1" combined cycle gas
turbine system with a nominal generating
capacity of 1,090 MW, which consists of four gas
turbines (169 MW each) and one steam electrical
generator (414 MW). These units fire natural gas
as the exclusive fuel and employ selective
catalytic reduction to reduce emissions of
nitrogen oxides (NOX). Emissions of carbon
monoxide (CO) and NOX are monitored with
continuous emissions monitoring systems (CEMS).
Units 3 through 6 (EU 031, EU 038) consist of four
simple cycle combustion turbine (SCOT) electrical
generator sets to operate in simple cycle mode.
Each SCOT set consists of two combustion
turbines coupled with one common electrical
generator having a total nominal gross generation
capacity of 62 MW. Each unit fires natural gas
with NOX emissions controlled with water
injection and CO emissions with catalytic
oxidation. Emissions of CO and NOX are
monitored with CEMS.

This facility also includes three emergency
compression, ignition, reciprocating internal
combustion engines and an emergency fire pump
engine (EU 039, EU 042).

This project revises existing permit conditions
primarily related to following: deleting the
obsolete emission unit for the fuel yard; CEMS
monitoring availability; add an allowable New
Source Performance Standard (NSPS) Subpart
K emission standard; visible emission testing
requirements; and the replacement of the simple
cycle combustion turbines during maintenance
activities. Some of the changes required revisions
to underlying air construction permits, which are
made in Permit No. 0570040-034-AC (PSD-FL-301F)
being concurrently processed with the Title V air
operation permit. The changes do not result in
significant net emissions increases and the project
is not subject to preconstruction review for the
Prevention of Significant Deterioration of Air
Quality. The Title V air operation permit renewal
is being processed as both a draft and proposed
permit package for parallel review by the
Environmental Protection Agency.

Permitting Authority: Applications for air
construction permits are subject to review in
accordance with the provisions of Chapter 403,
Florida Statutes (F.S.) and Chapters 62-4, 62-210
and 62-212 of the Florida Administrative Code
(F.A.C.). The proposed project is not exempt from
air permitting requirements and an air permit is
required to perform the proposed work.
Applications for Title V air operation permits with
Acid Rain units are subject to review in
accordance with the provisions of Chapter 403,

The Tampa Tribune

Published Daily

Tampa, Hillsborough County, Florida

State of Florida }
County of Hillsborough } SS.

Before the undersigned authority personally appeared C. Pugh, who on oath says that she
is the Advertising Billing Analyst of The Tampa Tribune, a daily newspaper published at
Tampa in Hillsborough County, Florida; that the attached copy of the advertising being a

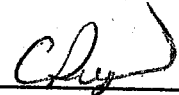
Legal Ads IN THE Tampa Tribune

In the matter of Legal Notices

was published in said newspaper in the issues of

03/20/2014

Affiant further says that the said The Tampa Tribune is a newspaper published at Tampa in
said Hillsborough County, Florida, and that the said newspaper has heretofore been
continuously published in said Hillsborough County, Florida, each day and has been entered
is second class mail matter at the post office in Tampa, in said Hillsborough County, Florida
or a period of one year next preceding the first publication of the attached copy of
advertisement; and affiant further says that she has neither paid nor promised any person, this
advertisement for publication in the said newspaper.



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March, A.D. 2014

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