STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF FINAL PERMIT

In the Matter of an
Application for Permit by:

Mr. Mark J. Hornick, General Manager
Tampa Electric Company
P.O. Box 111
Tampa, Florida 33601

Air Permit No. 1050233-021-AC / PSD-FL-194H
Polk Power Station
Polk County

Enclosed is Final Permit Number 1050233-021-AC / PSD-FL-194H. This permit authorizes an increase in the petroleum coke to coal blend ratio that is allowed to be gasified at this facility from 60% / 40% to 85% / 15% and an increase in the allowable sulfur content of the blended fuel from 3.5% to 4.7% sulfur by weight. In order to better accommodate this change in fuel ratio, minor changes and enhancements will also be made to components of the sulfuric acid plant and the acid gas removal system which will result in an increase in the allowable production of sulfuric acid from 77,640 tons per year to 299 tons per day (109,135 tons per year). The resulting syngas will continue to be fired in the existing integrated gasification combined cycle (IGCC) system at the Polk Power Station, which is located at 9995 State Route 37 South in Polk County, Florida. This permit is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order has the right to seek judicial review of it under section 120.68 of the Florida Statutes, 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 within 30 days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.

Trina L. Vielhauer, Chief
Bureau of Air Regulation

Florida Department of Environmental Protection

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

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

PERMITTEE:

Tampa Electric Company
P.O. Box 111
Tampa, FL 33601

Authorized Representative:
Mark J. Hornick, General Manager

Permit No. 1050233-021-AC / PSD-FL-194H
Polk Power Station
Facility ID No. 1050233
SIC No. 4911
Permit Expires: June 1, 2009

PROJECT AND LOCATION

This permit authorizes an increase in the petroleum coke to coal blend ratio that is allowed to be gasified at this facility from 60% / 40% to 85% / 15% and an increase in the allowable sulfur content of the blended fuel from 3.5% to 4.7% sulfur by weight. In order to better accommodate this change in fuel ratio, minor changes and enhancements will also be made to components of the sulfuric acid plant and the acid gas removal system which will result in an increase in the allowable production of sulfuric acid from 77,640 tons per year to 299 tons per day (109,135 tons per year). The resulting syngas will continue to be fired in the existing integrated gasification combined cycle (IGCC) system at the Polk Power Station, which is located at 9995 State Route 37 South in Polk County, Florida.

STATEMENT OF BASIS

This air pollution construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297 of the Florida Administrative Code (F.A.C.) and Title 40, Part 60 of the Code of Federal Regulations. The permittee is authorized to install the proposed equipment in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department.

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Section 1. General Information
Section 2. Administrative Requirements
Section 3. Emissions Units Specific Conditions
Section 4. Appendices

Joeseph Kahn, Director
Division of Air Resource Management

(Date)

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Final Permit (including the Final Determination and the Final Permit) was sent by e-mail with return receipt requested before the close of business on 6/26/18 to the persons listed:

Mr. Mark Hornick, TECO (MJHORNICK@TECOENERGY.COM)
Mr. Joshua Ellwein, P.E., TECO (JDELLWEIN@TECOENERGY.COM)
Mr. Byron Burrows, TECO (BTBURROWS@TECOENERGY.COM
Ms. Mara Nasca, SWD Office (MARA.NASCA@DEP.STATE.FL.US)
Ms. Katy Forney, EPA Region 4 (FORNEY.KATHLEEN@EPA.GOV)

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to §120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

(Clerk) (Date) 6/26/18