

Initial Project Summary

Project Location: Sapele, Nigeria

Name of Applicant: Otimeyin Andrew Ikomi

Name of the Project: Proton Delta Sunrise

Project Description: The Project involves the construction and operation of a 150 megawatt (MW) gas fired electric power plant to be located in Sapele, Nigeria. The Project will consist of three gas fired turbines¹ which will be operated in simple cycle mode. The developer plans to expand the facility to 500 MW in the future by adding additional turbines and converting the plant to combined cycle, but the current review is limited to the 150 MW simple cycle facility. The Project also includes the construction of a 1 km transmission line which will tie into an existing switchyard located in Sapele and the construction of a 1.5 km gas pipeline to the Sepiat Petroleum Development Company. The Project is located on a site adjacent to two existing power plants; the National Integrated Power Project (NIPP) Plant and CMEC/Eurafric Energy Limited Plant [formerly known as Power Holding Company of Nigeria Plant (PHCN)]. Power generated by the facility will be sold to the National Grid.

Environment and Social Categorization and Rationale: The Project has been reviewed against OPIC's categorical prohibitions and determined to be categorically eligible. The Project is screened as Category A because projected greenhouse gas emissions exceed 100,000 tons of carbon dioxide equivalent (CO_{2eq}) annually. The primary environmental and social issues associated with the thermal power plant are: air emissions and ambient air quality impacts; water usage and surface water quality impacts from the discharge of wastewaters; waste disposal; biodiversity impacts; occupational, health and safety during both construction and operations; life and fire safety; noise; and traffic impacts both during construction and operations of the power plant.

Environmental and Social Standards: International Finance Corporation's (IFC) Performance Standards (January 2012) 1 (Assessment and Management of Environmental and Social Risks and Impacts), 2 (Labor and Working Conditions), 3 (Resource Efficiency and Pollution Prevention), and 4 (Community Health, Safety, and Security), and 6 (Biodiversity Conservation and Sustainable Management of Living Natural Resources) are triggered by the Project. The Project does not involve involuntary resettlement or economic displacement, impacts to Indigenous Peoples, or cultural heritage as defined by the IFC. Therefore, Performance Standards (P.S.) 5, 7, and 8 are not triggered by this Project at this time. Guidelines applicable to the Project include the IFC's Environmental, Health and Safety (EHS) General Guidelines (April 2007), IFC's Environmental, Health, and Safety Guidelines for Electric Power Transmission and Distribution (April 30, 2007) and the IFC's Environmental Health, and Safety Guidelines for Thermal Power Plants (December 19, 2008).

Location of Local Access to Project Information:

**Sapele Local Government Secretariat,
Yoruba Road, Sapele,
Delta State.**

Enquiries can be made to:

Mr. Jehwe Stephen Onajero

Director of Environmental Health Services & HOD Environment, Sapele Local Government Area (LGA),
Sapele.

¹ The exact turbine manufacturer and number of turbines will be determined by the EPC Contractor.