

Initial Project Summary

Project Location: Tema, Ghana

Name of Applicant: Endeavor Energy Holdings LLC

Name of the Project: Bridge Power

Project Description: The Project involves the construction and operation of two power plants in Tema, Ghana with a capacity of up to a 424 MW. The Project, which will be located on two Brownfield sites, will be developed in stages. Development of the first site will include the construction of five open cycle combustion turbines, which will generate 145 MW followed by the installation of once-through steam generators on each turbine, which will add another 57 MW of power. The second stage development will be on a separate, but nearby site and will consist of about 222 MW of additional power to be generated by four combustion turbines with Heat Recovery Steam Generators. It is anticipated that all facilities will operate initially on Liquid Petroleum Gas with diesel as a backup fuel in emergencies and when LPG is unavailable. Within 5 years of the commencement of Phase 2 operations, it is anticipated that the plant will switch to Natural Gas, should it be made available by the Government of Ghana.

In addition to the two power plants, the project includes:

- the construction of a 9.2 km LPG pipeline from the Tema jetty to the Tema Oil Refinery (TOR) and then to the power plant site;
- A new tank farm for LPG storage;
- A new pipeline to transport diesel fuel to the power plant; and
- A new pipeline to transport water to the power plant from the Ghana Water Company (GWV) municipal supply network.

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; potential hazards associated with the storage and distribution of LPG fuel, water usage and surface water quality impacts from the discharge of wastewaters; waste disposal; and site contamination associated with past heavy industrial activities on the site.

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), 4 (Community Health, Safety, and Security), and 5 (Land Acquisition and Involuntary resettlement) are triggered by the Project. The Project does not involve impacts on biodiversity and living natural resources, Indigenous Peoples, or cultural heritage as defined by the IFC. Therefore, Performance Standards (P.S.) 6, 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), the IFC's

Environmental Health, and Safety Guidelines for Thermal Power Plants (December 19, 2008) and EHS Guidelines for Onshore Oil and Gas Facilities (2007).

Location of Local Access to Project Information:

Tema Metropolitan Assembly	Adjacent to Tema Community Centre, John Saaba Road, P.O. Box 20, Tema	Mr. Maxwell Adu- Boateng +233 24 478 4776
Kpone-Katamanso District Assembly	Kpone-on-Sea, P. O Box 33, Kpone	Mr. Samuel Smart Adu +233 24 424 0451
Tema East Sub Metropolis	Tema East Sub Metro Office, Tema New Town	Mr. Maxwell Adu- Boateng +233 24 478 4776