

## Initial Project Summary

Project Location: Taboth, Jacqueline, Cote d'Ivoire

Name of the Applicant: ECP Fund

Name of the Project: CIPREL V Thermal Power Plant

Project Description: The Project involves the construction and operation of a thermal power plant with a gross capacity to generate 390 mega Watts of electricity (MW<sub>e</sub>). The CIPREL V power plant will be located in Taboth, approximately 50 kms west of Abidjan in Cote d'Ivoire. The thermal power plant consists of one combustion turbine (with a gross capacity of 255 MW<sub>e</sub>) and one steam turbine (with a gross capacity of 135 MW<sub>e</sub>). The CIPREL V thermal power plant will require a 11-km transmission line for connecting to the local electricity grid. The transmission line will be located in a right-of-way to be completed. The main fuel for the power plant will be natural gas which will be delivered by the existing gas pipeline network and will require a connecting pipeline of less than 5 kms in length. No back-up fuel is forecasted at the moment. Water will be used for cooling, steam generation, and other uses at the plant. The CIPREL V thermal power plant will be located on a 30-hectare plot of land. The Project site has a few residential neighborhoods in its immediate vicinity but is presently used as agricultural plantations by local residents.

Environment and Social Categorization and Rationale: The Project has been reviewed against the DFC's categorical prohibitions and determined to be categorically eligible. The Project is screened as Category A because the projected greenhouse gas emissions (of approximately 1.4 million tons of carbon dioxide equivalent [CO<sub>2eq</sub>] per year) exceed the 100,000 tons of CO<sub>2eq</sub> per year threshold established under the DFC's Environmental and Social Policies and Procedures (2020). The primary environmental and social issues associated with the thermal power project are: air emissions (especially nitrogen oxides and to a lesser degree, sulfur oxides, and particulate matter) and ambient air quality impacts; groundwater abstraction and its impact on the existing users; surface water quality impacts from the discharge of wastewaters; waste disposal; process safety hazards associated with the handling of natural gas and other petroleum (flammable) products; occupational, health and safety during both construction and operations; life and fire safety; influx of construction workers; noise; community health, safety, and security; economic displacement; biodiversity impacts especially those associated with the supporting infrastructure (gas pipeline and electricity transmission and distribution line), and traffic impacts both during construction and operation of the power plant. The Project will limit its water abstraction rates to levels recommended by the hydrogeological study which has been prepared as a part of the ESIA package. The Project will also result in economic displacement of about 50 people. A team of national primate experts carried out surveys to confirm the presence or absence of Western chimpanzees (*Pan troglodytes*) in the Project's area of influence. The methodology and results of the survey were reviewed and validated by an expert affiliated with the IUCN Section on Great Apes. The survey did not identify any signs of chimps either through fieldwork, camera traps or focus groups with the members of the local communities. A biodiversity action plan has also been prepared as a part of the ESIA package to address the identified biodiversity impacts.

Environmental and Social Standards: The International Finance Corporation's (IFC) Performance Standards (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), 5 (Land Acquisition and Involuntary Resettlement), and 6 (Biodiversity Conservation and Sustainable Management of Living Natural Resources) are triggered by the Project. However, the Project does not involve any impacts on Indigenous Peoples or cultural heritage as defined by the IFC. Therefore, Performance Standards (P.S.) 7 and 8 are not triggered by this Project at this time. The 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 Project Information in the Local Area:

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