

 Early Warning System

AFDB-P-CI-F00-011

Cote d'Ivoire - Atinkou (CIPREL V) 390 MW Gas Power Project



### Quick Facts

<b>Countries</b>	Ivory Coast
<b>Financial Institutions</b>	African Development Bank (AFDB)
<b>Status</b>	Approved
<b>Bank Risk Rating</b>	U
<b>Voting Date</b>	2019-06-05
<b>Borrower</b>	Government of Ivory Coast
<b>Sectors</b>	Hydropower
<b>Investment Amount (USD)</b>	\$ 57.44 million



### Project Description

The Atinkou 390 MW gas power project has been selected by the GoCI as a priority project to meet baseload requirement of Cote d'Ivoire and strengthen its status as first energy exporter in the region due to its combined cycle technology which provides with unique efficiency levels. It complements the Bank's efforts to improve power generation, trade and transmission in the sub-region through the Cote d'Ivoire - Liberia - Sierra Leone - Guinea (CSLG) power interconnection project. The project, together with Azito IV, is primarily designed with the aim to replace the inefficient emergency plant of Aggreko (200 MW), Vridi plant (100 MW) and Ciprel I (99 MW). The project will also provide the necessary baseload backbone for the implementation of planned intermittent solar and hydro projects. In order to strengthen the Ivorian electricity network, the Atinkou power plant, built on a 30-hectare site, will have a capacity of 390 megawatts (MW). The project, to be carried out in two phases, calls for the construction of a 255 MW gas turbine within 18 months and the completion of the combined cycle, consisting of a 135 MW steam turbine and a heat recovery boiler, within 9 months. Eventually, the Taboth power plant will supply more than 2,800 gigawatts/hour of energy per year to the Ivorian power grid.

The project aims at the design, construction and operation of a new 390 MW combined cycle power plant (CCPP) on a 30 h.a. site in Taboth village, Jacqueline, Cote d'Ivoire. It is primarily designed with the aim to displace inefficient and old thermal plants such as Aggreko and Vridi power plants which carry a heavy burden on the financial situation of the sector. The new power plant will be the most efficient gas power plant in Cote d'Ivoire and the West Africa region, while also helping in reducing the carbon footprint from power generation.

The Atinkou project is a key project for the sustainability of the Ivorian energy sector. Its implementation will improve the financial situation of the sector in the medium to long term. Furthermore, the project will foster economic and social inclusions through job creation during construction (c. 800 jobs) and over 75 permanent jobs during operation.



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## Investment Description

- African Development Bank (AFDB)



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### Contact Information

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#### ACCOUNTABILITY MECHANISM OF AfDB

The Independent Review Mechanism (IRM), which is administered by the Compliance Review and Mediation Unit (CRMU), is the independent complaint mechanism and fact-finding body for people who have been or are likely to be adversely affected by an African Development Bank (AfDB)-financed project. If you submit a complaint to the IRM, it may assist you by either seeking to address your problems by facilitating a dispute resolution dialogue between you and those implementing the project and/or investigating whether the AfDB complied with its policies to prevent environmental and social harms. You can submit a complaint electronically by emailing [crmuinfo@afdb.org](mailto:crmuinfo@afdb.org), [b.kargougou@afdb.org](mailto:b.kargougou@afdb.org), [b.fall@afdb.org](mailto:b.fall@afdb.org), and/or [s.toure@afdb.org](mailto:s.toure@afdb.org). You can learn more about the IRM and how to file a complaint at <https://www.afdb.org/en/independent-review-mechanism/>.



## Bank Documents

- [Construction et exploitation de la Centrale Thermique a Gaz CIPREL V Ligne 20190405](#) [Original Source]
- [Construction et exploitation de la Centrale Thermique a Gaz Etude d'Impact Environnemental et Social](#) [Original Source]
- [Construction et Exploitation de la Centrale Thermique a Gaz RCI Atinkou Plan d'Action de Reinstallat](#) [Original Source]
- [Construction et Exploitation de la Centrale Thermique a Gaz RCI Atinkou Plan d'Action de Reinstallat](#) [Original Source]
- [cote d ivoire - projet de centrale electrique au gaz de 390 mw d atinkou ciprel v dazito - project s](#) [Original Source]
- [Cote d'Ivoire - CIPREL Expansion Project - ESMP Summary](#) [Original Source]