Early Warning System

AFDB-P-MG-FA0-019

Madagascar - The Power Transmission Network Reinforcement and Interconnection Project (PRIRTEM)

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Quick Facts

Countries	Madagascar
Financial Institutions	African Development Bank (AFDB)
Status	Approved
Bank Risk Rating	U
Voting Date	2019-12-16
Borrower	Government of Madagascar
Sectors	Energy
Investment Type(s)	Loan
Investment Amount (USD)	$ 38.46 million

Project Description

According to bank documents, the proposed intervention is an ADF loan of UA 27.82 million to finance the first phase of the Madagascar Power Transmission Network Reinforcement and Interconnection Project (PRIRTEM-I) aimed at interconnecting the country's three major power grids (Antananarivo, Toamasina, Fianarantsoa). The project plans to build a 220-kV power line with a 120 MW capacity and electrifying the rural areas along the high-voltage line corridor. The line, which will run across three (3) regions (Analamanga, Alaotra Mangoro and Atsinanana), will interconnect RIA and RIT to facilitate energy flow between the two networks and consequently ensure reliable power supply, while also easing the development of large hydropower facilities. Besides the power line, the project also includes the construction of 4 substations (Tana Nord II, Ambohibary, Antsampanana and Toamasina), which will strengthen RIA and RIT and ensure power distribution in the rural areas crossed. This programme will help to optimise and integrate production resources, particularly renewable energy production technologies. The availability of a new power transmission line between the country's two main interconnected grids - Antananarivo (RIA) and Toamasina (RIT) - is a necessary condition for the integration of major hydropower developments on the drawing board such as Volobe (120 MW) and Sahofika (192 MW). By upgrading its hydropower, Madagascar will also reduce its dependence on fossil fuels, the import costs of which have a significant impact on the economy and JIRAMA's financial viability. The project will be implemented over 48 months, with the main works completed in Q4-2023.

The objective of the project is to strengthen and link the two interconnected networks of Antananarivo (RIA) and Toamasina (RIT), and electrify localities and rural areas along National Road 2. PRIRTEM-1 will enhance the development and integration of renewable energy at a lower cost and render power supply more reliable in Madagascar's two largest cities, in addition to providing access to power in a rural area with high agro-industrial and mining potential. The project will contribute to improved business competitiveness, increased industrialisation, job creation and enhanced quality of life for the rural communities, including women actively involved in local economic activities.

Investment Description

- African Development Bank (AFDB)

Contact Information

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ACCOUNTABILITY MECHANISM OF AfDB

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Bank Documents

- MADAGASCAR PROJET DE RENFORCEMENT ET D'INTERCONNEXION DES RESEAUX DE TRANSPORT D'ENERGIE P-MG-FA0-01 [Original Source]
- MADAGASCAR PROJET DE RENFORCEMENT ET D'INTERCONNEXION DES RESEAUX DE TRANSPORT D'ENERGIE P-MG-FA0-01 [Original Source]