Early Warning System

AFDB-P-MG-FA0-023

Madagascar - Power Grid Resilience Project (PRRE)

Early Warning System

Madagascar - Power Grid Resilience Project (PRRE)

AFDB-P-MG-FA0-023

Quick Facts

Countries	Madagascar
Financial Institutions	African Development Bank (AFDB)
Status	Approved
Bank Risk Rating	A
Voting Date	2026-05-29
Borrower	Government of Madagascar
Sectors	Energy
Investment Type(s)	Loan
Investment Amount (USD)	$ 27.60 million
Loan Amount (USD)	$ 27.60 million
Project Cost (USD)	$ 42.04 million

Project Description

As stated by the AfDB, the project development objective is to improve access to and the quality of electricity supply in Madagascar. More specifically, the project seeks to improve the reliability and sustainability of the Malagasy power system, strengthen transmission and distribution networks to respond to growing electricity demand, support the integration of renewable energy, and contribute to improved technical, financial and commercial performance of JIRAMA. It also aims to secure the completion of the strategic PRIRTEM I project by resolving social, environmental and contractual constraints.

The Electricity Networks Resilience Project (PRRE) is an energy infrastructure and institutional support project in Madagascar designed to improve the resilience, reliability and quality of electricity supply while supporting the completion of the ongoing PRIRTEM I transmission project. The project combines social and environmental safeguard implementation, contractual regularization of high-voltage transmission works, reinforcement of JIRAMA's distribution network, deployment of prepayment meters, and project management support. It specifically finances the implementation of the Resettlement Action Plan (RAP) and Environmental and Social Management Plan (ESMP) for PRIRTEM I, the regularization of the EPC contract for the construction of the high-voltage line, technical support to JIRAMA, including the acquisition and installation of prepayment meters and other network equipment, and project administration. The total project cost is estimated at UA 30.997 million (about USD 42.04 million), financed by an ADF concessional loan of UA 13.25 million, a Transition Support Facility concessional loan of UA 6.9 million, a European Union grant of UA 10.629 million, and a Government counterpart contribution in kind of UA 0.218 million. The executing agency is the Project Implementation Unit in charge of PRIRTEM I.

The project's beneficiaries are multiple and located at different levels across Madagascar. Direct institutional beneficiaries include JIRAMA, whose technical and commercial performance is expected to improve through reduced technical and commercial losses, better revenue collection, and modernization of the electricity network; and the Ministry of Energy and Hydrocarbons (MEH), which will benefit from support to the implementation of the national energy policy. The project will support the completion and operation of the 220 kV transmission line linking Antananarivo and Toamasina, part of PRIRTEM I, and the strengthening of distribution networks in areas served by JIRAMA. The wider population will benefit through improved reliability and resilience of the electricity system, increased electricity access, and better service quality. The project is expected to help connect about 100,000 additional people to electricity and support Madagascar's national targets of 80% electricity access by 2030 and 85% renewable energy in the power mix by 2030. Businesses and industries dependent on electricity will also benefit from a more stable power supply and reduced service interruptions. Other key stakeholders include the EPC contractor, the European Union, local communities, and project-affected persons (PAPs) involved through the implementation of the RAP and the management of environmental and social impacts.

Investment Description

- African Development Bank (AFDB)

Contact Information

AfDB Team Leader:

Andriambelosoa Tiana Manasse Ratsimandresy
Email: t.manasse@afdb.org

ACCESS TO INFORMATION

You can submit an information request for project information at: https://www.afdb.org/en/disclosure-and-access-to-information/request-for-documents. Under the AfDBÕs Disclosure and Access to Information policy, if you feel the Bank has omitted to publish information or your request for information is unreasonably denied, you can file an appeal at https://www.afdb.org/en/disclosure-and-access-to-information/appeals-process.

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, b.kargougou@afdb.org, b.fall@afdb.org, and/or 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

- Plan de Gestion Environnementale & Sociale (PGES)
- PROJECT APPRAISAL REPORT
- RAPPORT D'EVALUATION DU PROJET