

 Early Warning System

AFDB-P-ZM-FF0-006

ZAMBIA - Ilute 25mw Solar PV (Sefa Covid-19 IPP Relief Programme)



Quick Facts

Countries	Zambia
Specific Location	Sesheke, Western Province
Financial Institutions	African Development Bank (AFDB)
Status	Approved
Bank Risk Rating	A
Voting Date	2024-10-21
Borrower	Serengeti Energy Ltd, Western Solar Power Ltd.
Sectors	Energy
Investment Type(s)	Loan
Investment Amount (USD)	\$ 7.99 million
Loan Amount (USD)	\$ 7.99 million



Project Description

As stated by the AfDB, the project involves designing, financing, constructing, commissioning, operating, and maintaining a 25 MWac (32MWp) solar photovoltaic power plant and associated connection infrastructure. The plant will be located approximately 15km north of Sesheke, on the western side of the Zambezi River, in Zambia's Western Province. Electricity generated will be evacuated through the nearby 66/220KV Sesheke substation near the Namibia border. The project was competitively selected in July 2021 by GreenCo Power Services Ltd (GreenCo) as a pilot under its energy aggregator model, where GreenCo acts as an intermediary off-taker. GreenCo will purchase electricity from the project under a 25-year Power Purchase Agreement (PPA), selling the energy into the Southern African Power Pool (SAPP) Day-Ahead Market (DAM).

The project is being developed by Serengeti Energy Ltd and Western Solar Power Ltd. Since 2021; the project has experienced rising costs due to the COVID-19 pandemic and additional work requirements. The SEFA Covid-19 IPP Relief Programme has been instrumental in addressing these challenges. SEFA's USD 8 million concessional loan will bridge the viability gap and restore the project's financial sustainability while also supporting a pioneering initiative with strong demonstration potential. SEFA's involvement also helped mobilize additional financing from the Dutch entrepreneurial development bank, FMO, which provides both subordinated and senior loans.



Investment Description

- African Development Bank (AFDB)



Private Actors Description

As stated on the company's website, Serengeti Energy is domiciled in Mauritius with regional offices in Nairobi, Kenya, Cape Town, South Africa and Dakar, Senegal. Currently, we operate power plants with a combined capacity of 74 MW across Rwanda, Uganda, Sierra Leone, South Africa, and Malawi and have a portfolio of projects in advanced development in Senegal and Zambia.

As stated on the company's LinkedIn account, Western Solar Power (WSP) represents the cutting edge of solar development in Zambia. Established by Zambians, WSP was formed not only to address the deficit of energy supply in the country, but to do so through local innovation, community partnerships, and alongside international investment. As the Originator and developer of the pioneering 25MW Ilute Solar project, WSP is demonstrating how our unique approach can unlock systemic challenges, and provide the roadmap for electrification of the Southern African region.



Private Actor 1	Private Actor 1 Role	Private Actor 1 Sector	Relation	Private Actor 2	Private Actor 2 Role	Private Actor 2 Sector
Western Power Company Limited ("WPC")	Client	Energy	contracts with	Serengeti Energy Ltd.	Client	Energy



Contact Information

AfDB Team Leader:

Jason Seungsoo Jin

No contacts provided at the time of disclosure.

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 AfDB's 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

- [ENVIRONMENTAL IMPACT STATEMENT FOR THE PROPOSED ILUTE SOLAR PV PROJECT IN KATIMA WARD OF SESHEKE](#)
- [NOTE DE SYNTHÈSE DE PROJET CENTRALE SOLAIRE P HOTOVOLTAÏQUE DE 25 MW D'ILUTE \(PROGRAMME D'AIDE DU SE](#)
- [PROJECT SUMMARY NOTE ILUTE 25MW SOLAR PV \(SEFA COVID - 19 IPP RELIEF PROGRAMME\)](#)