



KILOSA



Location
Kilosa District,
Tanzania



PROJECT SUMMARY

Project developer Ruaha Energy is planning to build small-scale grid-connected solar PV power plants across Tanzania's 15,000km² Kilosa district with a combined generating capacity of 7.2MW.

Once built, the projects will deliver much-needed power to the local grid, which frequently suffers from outages and power fluctuations, and help ensure a better electricity supply to the local hospitals and school.

The construction phase of the project will create employment opportunities for villagers and improve the local infrastructure, including upgraded roads.

Villagers involved in the construction and operation of the power plant will be upskilled in areas such as solar PV sales and invoicing, construction and maintenance, increasing their future job prospects.

The Kilosa facilities will be developed under Tanzania's Small Power Project regime, which aims to facilitate private sector investment in energy provision.

John Tate, Chairman and CEO, Ruaha Energy, said: "We have been working with the CAMCO/REPP team to develop a portfolio of grid-connected solar photovoltaic projects.

"The support and suggestions we have received from them have been invaluable as we develop and roll out our strategy."

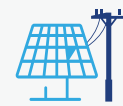
AT A GLANCE

Technology

Grid-connected solar PV

Project type

Grid-connected



Offtaker
TANESCO

KPIs



Greenhouse gas emissions avoided: 7,050 tCO₂e per year



Installed capacity: 7.2MW

FUNDING STRUCTURE

Contracted date

2 November 2017

Lending type

Development capital

REPP funding

US\$245,000

SDGs



"By improving the availability and quality of the electricity supply, the Kilosa project will activate many other local initiatives which have been dormant due to lack of power, and help improve social services for thousands of people in the region."

Arnold Mzigo, Kilosa District Land Officer