

KILOSA

PROJECT SUMMARY

Providing first-time clean energy access to 6,000 people in one of Tanzania's most underserved regions will be just one of the Kilosa project's major benefits.

Currently around three in four households in the central-eastern Morogoro Region, which includes the Kilosa District, is not connected to electricity in any form. Now, project developer Ruaha Energy is planning to build six 1.2MW solar PV grid-connected power plants spread out across the 15,000km² district.

Once built, the small utility-scale facilities will deliver much-needed additional power to the local grid, which frequently suffers from outages and power fluctuations, and provide improved energy access to more than 70,000 people.

The construction phase of the project will create employment opportunities for villagers and improve the local infrastructure, including upgraded roads and a better electricity supply to the local hospitals and school.

During operation, between 1.5-5% of project revenues will be contributed directly towards a community fund, managed by the Kilosa District Council. At the same time, 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.



Location

Kilosa District,
Tanzania

AT A GLANCE

Technology

Solar PV



Project type

Grid-connected,
6 x 1.2MW plants

Offtaker

TANESCO

KPIs



Greenhouse gas emissions
avoided: 5,828 tCO₂e per
year



People with improved or
first-time energy access:
76,080



Jobs created:
120 during construction,
30 during operation



Installed capacity:
7.2MW

FUNDING STRUCTURE

Contracted date

2 November 2017

Lending type

Development capital

REPP funding

USD \$246,000

"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