



Rural Electrification Program Three Villages in the Maputo Province

TUGLIQ signed a partnership with FUNAE, a public institution that was specially created for the electrification of rural areas in Mozambique. Its mission is to promote access to sustainable electricity that will contribute to the economic and social development of the most remote regions of the country. FUNAE is fundamentally active in regions not connected to the national power grid and focuses on solar, hydro and biomass generated power to utilize local natural resources.



Project

FUNAE has commissioned Tugliq Energy to design and build three rural electrification projects using solar PV, energy storage, microgrid controller. The design and construction of MV and LV distribution grid is also part of the project. Tugliq has completed the feasibility study to determine the extent of the solar resource, design a microgrid and examine various business models to achieve a viable and sustainable project for the long-term.

Project Status

The feasibility study has been presented to the client. A joint agreement to secure financing has been signed. Detailed engineering and preliminary site work will start in June 2019.

Client: FUNAE

Study Date: July 2018

Solar: 360 kW

Installation:
3 autonomous microgrids:
60; 100; and 200 kW

Location: Mozambique

