

MWENGA HYDRO WIND FARM

INSTALLATION AND ERECTION OF THE 2.4MW
MWENGA HYDRO WIND FARM IN USOKAMI,
MUFUNDI



Renewables



The Mwenga Wind Project provides energy security to a growing rural population and supplying connected communities and businesses sustainably with green power in Southern Tanzania.

The 2.4MW wind farm is a renewable energy infrastructure project, consisting of an initial 2.4 MW of wind capacity, which is used to balance the growing needs of the Mwenga Hydro rural electrification network and directly supports the rural electrification, climate mitigation and industrialisation targets of Tanzania, where nearly eight million households currently lack access to electricity.

The wind power comes from 3 x 800 KW Enercon wind turbines and our diverse workforce was tasked to perform the construction and installation of electromechanical works of 3 Enercon E-53 Wind Turbines and foundation baskets (WECs), installation of switchgear and soada, supply and installation of underground cabling and termination kits. Combining our skill sets and experience. As our commitment to hand over a high quality, safe, efficient, and operation-ready facility to our client, our teams received specialized training on installation of WECs in Germany.

Completed in May 2020, this project is now part of East Africa's first hybrid wind and hydro development, providing clean and grid quality power to about 100,000 people living in the project area.

PROJECT SUMMARY



Client:
MWENGA HYDRO LTD



Engineer:
ENERCON



Sub Contractor:
CSI ENERGY GROUP – TANZANIA



Contract Value:
USD 95,306



Duration:
MARCH to MAY 2020