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Powering a Sustainable Future for Uganda and East Africa

Machame Energy Limited is an innovative energy production company at the forefront of Uganda and East Africa's energy transition. We focus on delivering renewable energy projects that drive sustainable development and provide affordable grid solutions. With premium global partners, we are committed to supporting Sub-Saharan Africa's leap to clean energy. We take pride in owning, developing, and operating renewable projects, specialising in solar and hydropower initiatives.





Vision:

At Machame Energy, we aim to generate clean energy that fosters sustainable development and prosperity throughout the region. Our vision is to build a future where communities thrive on reliable, affordable, and eco-friendly energy sources, nurturing growth and development.

Mission:

Driven by our passion for sustainable energy, our core mission is to increase access to clean and renewable power in the economies we serve. We understand the significance of energy accessibility in combating poverty and promoting economic growth. Through our projects, we lead the way in shaping a greener, more equitable energy landscape.

Solar PV Project:

One of our key projects is the 20MW Solar PV project in Olwiyo-Nwova, which is currently in the initial stages of license application. At the heart of this initiative is cutting-edge solar panel bifacial technology, ensuring efficiency and reliability. Our solar project offers high-performance energy solutions for customers seeking reliable energy.



Innovation is the driving force behind our projects. Our **Olwiyo Solar Project** utilises bifacial panels with tracking systems, maximising the sun's energy absorption. Additionally, we explore the adoption and development of Concentration Solar Power (CSP) technologies, enabling a steady energy supply during peak hours and enhancing overall energy efficiency.



Innovating for a
Sustainable Future

Partnering for Progress



Machame Energy proudly collaborates with international partners and Engineering, Procurement, Construction (EPC) contractors whose expertise in research, development, manufacturing, and sales of high-efficiency technologies has been instrumental in developing our new project designs.

25 Year

product warranty

30 Year

performance warranty

15 Year

combined warranty when installed

A photograph showing a row of blue hydroelectric turbines in a power plant. The turbines are arranged in a line, receding into the distance. Each turbine has a blue body and a white metal railing around its top. The background shows wooden paneling and a staircase. The lighting is bright, highlighting the industrial setting.

Hydro Power

Diversifying our **renewable energy portfolio**, we actively pursue hydropower plants across Uganda, increasing sustainable energy supply to the grid and ensuring a more robust energy mix.

**Machame Energy Limited is powered
by vision and fueled by innovation.**

We dedicate ourselves to delivering renewable energy solutions that contribute to the socio-economic development of Uganda and Africa. By harnessing clean energy and strategic partnerships, we lead the charge towards a greener, brighter, and more sustainable future for all. Together, let us power progress and build a thriving, energy-efficient tomorrow.



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