

Rwaza Hydro Power Plant

Fortis Green Renewables Green Fund I

The Rwaza 2.6MW Hydro Power Plant is located in Musanze District, Rwanda and draws water from the Mukungwa River through an environmentally safe weir and intake structure. Utilizing a 1km channel, the water flows to the powerhouse's two turbines to produce clean and steady electricity for the country's 13 million people.

Asset Key Highlights

Acquisition Date:	December 2023
Ownership Stake:	40% of the Rwaza Hydro Power Plant
Classification:	2.6 MW run-of-the-river hydropower plant
Off-taker:	Rwanda Energy Group (REG) purchases 100% of the power produced under a 25-year PPA
Power Production:	Rwaza began operations in early 2019 and produces approximately 20,000 MWh of renewable energy per year.
PPA agreement:	REG - 20 years remaining
Partners:	Serengeti Energy owns 60% of Rwaza. Serengeti develops, builds, and operates small to mid sized renewable projects across Sub-Saharan Africa
Area:	Northern Province, Musanze District, Rwanda
Managed by:	Hydro Operation Great Lakes and Serengeti Energy



Power Generated

Rwaza generates 20,000 MWh of critical electricity annually in the heart of the Rwandan hydropower region.



15,500 CO₂ tons equivalent reduction on an annual basis.



Unique Attributes

Fully operational project with strong partners on a major river in the heart of Rwanda - an attractive market in East Africa.



Community Development

Rwaza's power is fed to the national grid, allowing the grid to expand to new users and increase the quality of power to rural communities. The power plant also provides high skilled jobs to the community.







Intake: majority of water is temporarily diverted into the channel

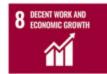


Penstock and Powerhouse: end of channel water is gravity fed into the powerhouse



Turbines: movement of water is converted to energy to be fed to the grid







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