TANZANIA

OF LAKES AND ANIMALS

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Tanzania is a mountainous and densely forested country. Majestic Mount Kilimanjaro is located in the northeast. Three of Africa's Great Lakes are partly within Tanzania - Lake Victoria, Africa's largest lake, Lake Tanganyika, the continent's deepest lake, and Lake Nyasa. The Kalambo waterfalls are the second highest uninterrupted falls in Africa and are also to be found in the country.

Tanzania is a middle-power country, the economy has expanded over the last decade thanks to strong tourism, investments in telecommunications, and a growing banking sector. About 30% of Tanzanians have access to electricity. With 717 MW of hydropower capacity installed, some 15% of the country's total economically feasible hydropower potential - equivalent to 4,700 MW - has been developed to date.

The government has announced an Electricity Sector Reform Strategy and Roadmap to introduce a legal and regulatory framework for the development of power generating projects. A shortfall in generating capacity, the need to boost the economy, especially the mining sector, and to expand rural electrification has led to increased investment.

ANDRITZ HYDRO

ANDRITZ HYDRO has installed almost half of the total installed hydro capacity in Tanzania. As far back as 1930, ANDRITZ HYDRO supplied electro-mechanical equipment to Tanzania. The company was involved in some of the major projects in the country, such as HPP Kishani (180 MW), HPP Mtera (80 MW), and HPP Pangani Falls (68 MW).

HPP Rusumo Falls

At the end of 2016, ANDRITZ HYDRO signed a contract with Rusumo Power Company Ltd for the design, supply, installation, and commissioning of electro-mechanical equipment for the Rusumo Falls Hydroelectric Project. Located on Kagera River, about 2 km downstream of the confluence of the rivers Ruvubu and Kagera at the border with Rwanda, the project is a joint development together with Burundi and Rwanda.

ANDRITZ HYDRO's scope of supply comprises the delivery of three 27.5 MW vertical Kaplan turbines and auxiliaries, generators, Electrical Power System (EPS), powerhouse cranes, draft tube gates and stop logs, as well as the control and protection system of the whole power plant. Completion of the project is planned for the end of 2019.

TANZANIA FACTS

53.47 Mio.	Population
30%	Access to electricity
717 MW	Installed hydro capacity
0 MW	Hydro capacity under construction
52%	Share of generation from hydropower
1.800 GWh	Hydro generation
20,000 GWh	Technically feasible hydro generation potential

ANDRITZ HYDRO

328 MW	Installed capacity
10	Installed units
45.75%	Fleet share

The World Bank, IEA, World Energy Outlook, Hydropower & Dams World Atlas 2016