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BHEL achieves milestone in Africa by commissioning Hydro Power Plant in Rwanda

Bharat Heavy Electricals Limited (**BHEL**) has achieved one more landmark in the African region by constructing and successfully commissioning a Hydro Power Project in Rwanda, on turnkey basis. Significantly, the order for setting up the 28 MW Nyaborongo Hydro Electric Project (2x14 MW), was the first order received by **BHEL** from this East-African country. Prior to this, the company had already established its presence in a number of African nations like Sudan, Libya, Ethiopia, Egypt, Zambia, Tanzania, Uganda, Nigeria, etc. Both the generating units of this power project were synchronized with the grid and with the commissioning of this project; the installed generating capacity of Republic of Rwanda has gone up by 24% from 119 MW to 147 MW. Nyaborongo Hydro Electric project is owned by the Government of Rwanda and has been financed under the Government of India's Line of Credit. **BHEL's** scope of work in the contract envisaged turnkey execution of the Hydro-mechanical and Electro-mechanical packages for the Nyaborongo Hydro Power Project comprising two Francis type hydro generating units of 14 MW each. Major equipment supplied for the project include hydro turbines, generators, transformers, controls, monitoring and protection systems and switchgear. The project demanded the highest degree of competence in manufacturing and execution from **BHEL's** own manufacturing units as well as the sub-vendors and contractors involved. **BHEL** has a vast experience in hydro-electric plants having contracted over 28,000 MW of projects across the globe. The company has the capability to deliver complete Hydro Power Plants including design, engineering, supply / logistics, erection and commissioning. Hydro Turbines in the range of 100 KW upwards and upto 300,000 KW unit sizes of various Impeller types namely Francis, Kaplan, Pelton and also Reversible and Pump Turbines along with matching generators are designed and engineered, manufactured and tested at **BHEL's** own manufacturing plants. **BHEL's** hydro installations are working in India, Azerbaijan, Bhutan, Malaysia, Nepal, New Zealand, Taiwan, Tajikistan, Thailand and Vietnam. The company is also currently executing Hydro power projects in Afghanistan, DR Congo and Bhutan.

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