

Congratulatory Message for the

Commissioning of Isimba Hydro Power Dam, March 21st, 2019



H.E. Gen. Yoweri Kaguta Museveni.

NRM Party Chairman and President of the Republic of Uganda



Hon. Eng. Irene Muloni
Minister of Energy and Mineral
Development



Hon. Peter Lokeris
Minister of State For Minerals



Hon. Eng. Simon D'Ujanga
Minister of State For Energy



Mr. Robert Kasande
PS, Ministry of Energy &
Mineral Development

The **Management and Staff** of the **Ministry of Energy and Mineral Development** congratulate the **NRM Government**, under the Visionary Leadership of **His Excellency the President of the Republic of Uganda, General Yoweri Kaguta Museveni**, the Vice President, **His Excellency Edward Kiwanuka Ssekandi**, the Prime Minister, **Rt. Hon. Dr. Ruhakana Rugunda**, Members of Cabinet, Members of Parliament, Judiciary, and all Citizens of Uganda upon the **Successful Commissioning of the 183 Megawatts Isimba Hydro Power Dam**.

PROJECT PROFILE

- The Project Feasibility Studies commenced in 2010 and were undertaken by a joint venture of Fichtner GMBH and Norplan AS who also prepared the Project Tender documents. The Environment and Social Impact Study was carried out by local Ugandan Companies, Kagga and Partners in association with Air Water Earth Engineers.
- The project covers the Districts of Kayunga, Buikwe, Kamuli and Jinja.
- On 6th September, 2013 the Government of Uganda through the Ministry of Energy and Mineral Development (MEMD) signed an Engineering, Procurement and Construction Contract with China International Water and Electric Corporation for both the power plant and associated substations and the 132 kV, 42 km double circuit Isimba to Bujagali transmission line.
- On 5th October, 2013 the ground-breaking ceremony for the project was conducted by His Excellency General Yoweri Kaguta Museveni as the Chief Guest.

- In March 2015, Parliament of Uganda approved a US\$ 482.5m loan from the Exim Bank of China representing 85% of the total project cost of US\$ 567.7 million. The 15% (US \$ 85 million) was paid directly by the Government of Uganda.
- On 27 July 2015, the first concrete pouring at the plant took place and was witnessed by H.E Gen. Yoweri Kaguta Museveni, President of the Republic of Uganda.
- The Government of Uganda is the Project Owner through the Ministry of Energy and Mineral Development which had the overall responsibility of ensuring that the Project is successfully implemented.
- The Project Implementing Agencies are the Uganda Electricity Generation Company Limited (UEGCL) for the dam component and the Uganda Electricity Transmission Company Limited (UETCL) for the Transmission Line Component.
- Over 1000 Ugandans were employed by the project at its peak stage.

- Kagga and Partners, a local Ugandan Engineering Consultancy Company has been the Resettlement Action Plan (RAP) implementation Consultant.

TECHNICAL BRIEF

- With Isimba adding 183 MW to the National Grid, the national generation capacity is now 1,202 MW. The plant is expected to generate up to 1039 GWh of electricity per annum.
- The plant consists of four (4) vertical shaft Kaplan turbines. Power is generated at 11 kilovolts from four generators, each rated capacity is 45.8 MW; it is then stepped up to 132 kilovolts via four Generator Step-up Transformer Units (GSUs) rated 59.3 MVA, nominal voltage 11/132 kV, connection type YNd11 and frequency of 50 Hz.
- The generated power is transmitted through a 132kV Isimba-Bujagali double circuit transmission line to the substation at Bujagali HPP where it is integrated with the national grid.



The complete Isimba Hydropower Station, to generate 183 MW at full capacity Front Aerial View



The Complete Isimba Hydropower Station Rear Aerial View

Long Live Your Excellency Gen. Yoweri Kaguta Museveni, Long Live Uganda