

Latest News

Fiji Wailoa

ANDRITZ HYDRO has received a further order for the replacement of three spherical valves at the Wailoa hydropower plant in Fiji, supplying up to 80 MW to the 150 MW grid on the main Fijian island of Viti Levu. The order was placed by the Fijian Electricity Authority.

A previously ordered main inlet valve also manufactured by ANDRITZ HYDRO was already installed with a station outage of only four days in 2016.

Costa Rica Rio Macho

In December 2016, with the Final Acceptance Certificate (FAC) for unit five, Instituto Costarricense de Electricidad (ICE) completed the good collaboration with ANDRITZ HYDRO during the Rio Macho project in Costa Rica.

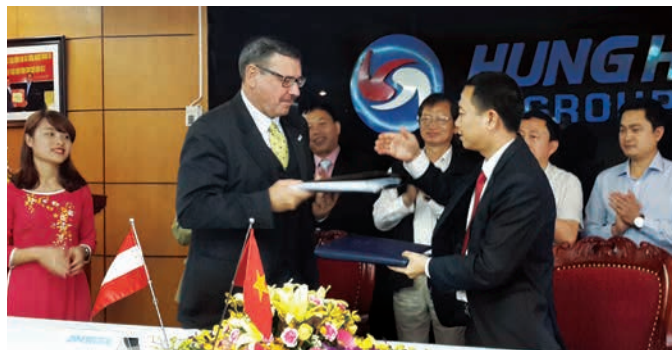
After this last step, all five units of the Rio Macho hydropower plant are rehabilitated and successfully put into commercial operation.



Vietnam Nam Na 1

ANDRITZ HYDRO has received an order from Hung Hai Group of companies for the supply, supervision, and commissioning of the electro-mechanical equipment for the Nam Na 1 hydropower plant in Vietnam.

The hydropower plant is located on the Nam Na River, in the Lai Chau Province. With an installed capacity of 30 MW it will supply an annual average of 134 GWh of renewable energy to the national grid. The hydropower plant is scheduled to be put into commercial operation in 2018.

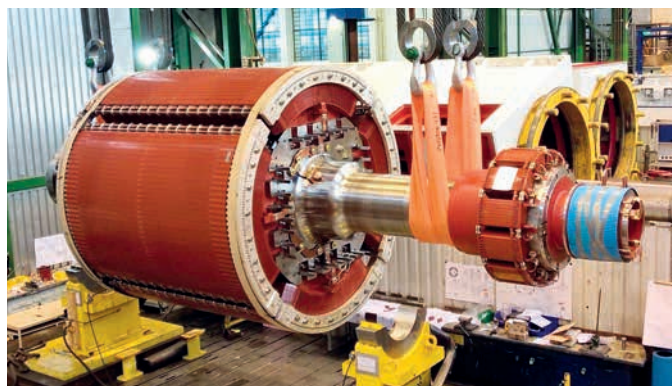


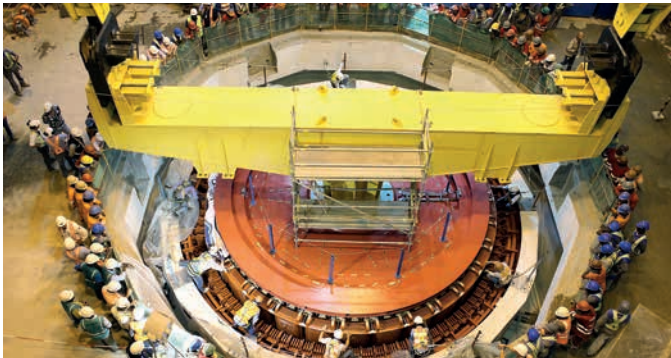
Germany Langenprozelten

Since August 2016, the world's most powerful single-phase hydropower motor generator is in operation at the pumped storage power plant Langenprozelten in Germany. Dismantling and reassembling of the second machine will start in the second quarter of 2017 and should be completed until end of 2017.

With an output of 2×94 MVA, Langenprozelten is Deutsche Bahn's primary peak-load power plant, providing sufficient electrical energy to sustain 50 InterCity trains travelling at 200 km/h.

An article with detailed information about the refurbishment of the first machine was published in Hydro News 29.





Angola Laúca

After two years of work, the rotor of unit #1 at the Laúca hydro-power plant in Angola has been successfully installed.

This large project on the Kwanza River consists of two machine halls, for which ANDRITZ HYDRO is supplying electromechanical equipment for six 340 MW Francis turbines including generators, transformers, control and protection systems as well as auxiliary equipment.

DR Congo Mwadingusha

ANDRITZ HYDRO has been awarded in a consortium a contract for the refurbishment of the existing Mwadingusha hydro-power plant in the Katanga Province, DR Congo. The hydro-power plant is equipped with six Francis units with a capacity of 11.8 MW each.

The scope of supply for ANDRITZ HYDRO comprises replacement of four turbine units, generators, governors, inlet valves, exciters, voltage regulations, and draft tube stop logs including dismantling, erection, and commissioning.



Rwanda Rusumo Falls

In November 2016, ANDRITZ HYDRO signed a contract for design, supply, installation, and commissioning of electromechanical equipment for the Rusumo Falls Hydroelectric Project with Rusumo Power Company Ltd. The new power station will be located at the border between Rwanda and Tanzania. The project is a joint development of three east African nations Burundi, Rwanda and Tanzania.

ANDRITZ HYDRO's scope of supply comprises the delivery of three 27,5 MW vertical Kaplan turbines and its auxiliaries, generators, 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.

Uganda Nkusi

In November 2016, ANDRITZ HYDRO received a contract for the complete electro-mechanical equipment for the new 9.6 MW Nkusi hydropower plant in Uganda.

The customer requested a complete "from water-to-wire" package to ensure a high quality delivery with minimal interphases and simplified logistics. The scope of supply for ANDRITZ HYDRO consists of engineering, two identical horizontal Francis turbines, generators, and all equipment and installation up to the 33 kV switchgear. Transportation up to Nkusi site, supervision of installation, and commissioning complete the contractual scope of supply. The HPP Nkusi project should be completed mid-2018.

