

Automation at its finest

Source: EBY

TECHNICAL DETAILS

Yacyretá:

Total output: 3,200 MW

Head: 21.3 m

Voltage: 13.2 kV



Argentina/Paraguay – ANDRITZ Hydro Brazil is to supply 18 new excitation systems with HIPASE-E technology for the Yacyretá Hydroelectric Plant, located on the Paraná River between Argentina and Paraguay.

“Yacyretá provides clean, renewable, non-polluting, and low-cost energy, improves the navigability of the Paraná River, operates a flood warning system and facilitates the implementation of irrigation systems.”

In commercial operation since 1994, Yacyretá has an installed capacity of 3,200 MW and supplies the electricity needs of 50% of the homes in Argentina as well as many industries.

The contract between ANDRITZ Hydro Brazil and plant owners Entidad Binacional Yacyretá followed an international bid process. As expected, the qualifying process was challenging and demanded a lot of preparation from the entire team on technical, bidding, contractual and commercial aspects.

Through market expertise and excellent competitive position, ANDRITZ submitted a customized offer and won this contract against multi-national competitors. ANDRITZ was chosen for the complete modernization of the excitation systems including automatic voltage regulator, power cubicles, transformers, a set of auxiliary parts and components along with basic and detailed design, manufacture and assembly, factory acceptance tests, transport, site installation, and commissioning. HIPASE-E is an exclusive automation solution from ANDRITZ with proven control and regulatory functions suitable for the latest power generation requirements.

This is a very important project for ANDRITZ that not only highlights our competence and expertise in the automation market but also marks the beginning of a long-term partnership with Entidad Binacional Yacyretá.

AUTHOR

Karla Silva
hydronews@andritz.com



ANDRITZ Hydro Brazil opens a new corporate office

A new ANDRITZ Hydro corporate office has opened in São Paulo, Brazil. The transformation is part of the company's overall modernization process and is intended to meet the needs of agility, flexibility and collaboration not only in our current context but also to fulfill the future business evolution. ANDRITZ Hydro Brazil has been using the new, modern space since July 2021 which, like ANDRITZ solutions, is designed for the future.

Sales, engineering, and order execution for automation, electrical power systems, and pumps are located in the building. In addition, the administrative and legal departments will be based in the new office, located at Alameda Tocantins, 350 – Alphaville Industrial, Barueri, in a commercial building of more than 31,000 m².

The new environment was designed to translate ANDRITZ Hydro's commitment to creating new perspectives for the ANDRITZ GROUP that are based on innovation, collaboration, and solid, long-lasting partnerships.

"With this change, ANDRITZ Hydro Brazil will be even better prepared to accept new challenges and contribute to future hydroelectric development in the country."

Dieter Hopf, General Director of
ANDRITZ Hydro in Brazil

To learn more about our activities in Brazil please visit our website:
www.andritz.com/hydro-br

