



## PRESS RELEASE

# ANDRITZ to supply electro-mechanical equipment and maintenance service for one of the world's first co-located solar pumped storage plants in Australia

*GRAZ/VIENNA, APRIL 29, 2021.* International technology group ANDRITZ has received an order from the EPC contractors McConnell Dowell and John Holland to supply the electro-mechanical equipment for the 250-MW Kidston pumped storage plant in North Queensland, Australia. Kidston will not only be Australia's first pumped storage plant for more than 40 years, but also one of the world's first to be co-located with a solar plant. The owner and developer of Kidston is Genex Power. Commissioning of the plant is expected in 2024.

The ANDRITZ scope of supply comprises design, manufacturing, supply, transportation, erection, and commissioning of two 125-MW reversible pump turbine units as well as full operation and maintenance services for more than 10 years.

The pumped storage plant was developed in a unique location by utilizing two open pits from an abandoned gold mine. Once filled up with water, it will operate as a closed-loop system and generate, store and dispatch renewable energy on demand during peak periods, capable of supplying enough sustainable and clean electrical energy for more than 280,000 Australian households. Additionally, the plant can be operated in a synchronous condenser mode to provide grid services such as reactive power management and synchronous inertia.

This order not only confirms once again ANDRITZ's strong position in the Australian hydropower market, but also for pumped storage technology, which plays an important role in providing grid stability to cope with volatile solar and wind power supplies. The combination of hydro equipment supplies with state-of-the-art asset management services is also strong proof of ANDRITZ's well diversified product and service portfolio for all applications and demands in the hydropower business.

– End –





Open pits from an abandoned gold mine

**PRESS RELEASE AND PHOTO AVAILABLE FOR DOWNLOAD**

Press release and photo are available for download at [andritz.com/news](https://andritz.com/news). The photo may be published free of charge if the source is stated: "Photo: Genex Power Ltd".

**FOR FURTHER INFORMATION, PLEASE CONTACT**

**ANDRITZ GROUP**

Dr. Michael Buchbauer  
Head of Corporate Communications  
[michael.buchbauer@andritz.com](mailto:michael.buchbauer@andritz.com)  
[andritz.com](https://andritz.com)

**ANDRITZ HYDRO**

DI Alexander Schwab  
Senior Vice President Market Management & Corporate Communications  
[alexander.schwab@andritz.com](mailto:alexander.schwab@andritz.com)  
[andritz.com](https://andritz.com)



## **ANDRITZ GROUP**

International technology group ANDRITZ offers a broad portfolio of innovative plants, equipment, systems and services for the pulp and paper industry, the hydropower sector, the metals processing and forming industry, pumps, solid/liquid separation in the municipal and industrial sectors, as well as animal feed and biomass pelleting. The global product and service portfolio is rounded off with plants for power generation, recycling, the production of nonwovens and panelboard, as well as automation and digital solutions offered under the brand name of Metris. The publicly listed group today has around 26,950 employees and more than 280 locations in over 40 countries.

## **ANDRITZ HYDRO**

ANDRITZ Hydro is one of the globally leading suppliers of electromechanical equipment and services for hydropower plants. With over 180 years of experience and an installed fleet of more than 470 GW output, the business area provides complete solutions for hydropower plants of all sizes as well as services for plant diagnosis, refurbishment, modernization and upgrade of existing hydropower assets. Pumps for irrigation, water supply and flood control are also part of this business area's portfolio.