



PRESS RELEASE

ANDRITZ to rehabilitate Kaplan turbines of Ryburg-Schwörstadt hydropower plant in Switzerland

GRAZ/VIENNA, JULY 7, 2022. International technology group ANDRITZ has received an order from Kraftwerk Ryburg-Schwörstadt AG for the rehabilitation of all four Kaplan turbines at the Ryburg-Schwörstadt hydropower plant on the River Rhine. With an installed capacity of 120 megawatts, the run-of-river plant is the most powerful hydropower plant on the High Rhine. ANDRITZ is one of the original suppliers, having installed two units back in 1930 when the power plant was first commissioned.

The aim of this rehabilitation project is to ensure the service life and operating safety until the end of the concession as well as to make environmental improvements by installing oil-free bearing systems on wicket gates and oil-free hubs for the new runners. The units will be renovated one after the other between 2023 and 2027. With annual average energy production of about 760 GWh, Ryburg-Schwörstadt generates clean energy from hydropower, thus contributing towards a sustainable and emission-free future.

The ANDRITZ scope of supply and services for the hydro-mechanical overhaul of the four Kaplan turbines, including hydraulic turbine governors, comprises design, engineering, manufacture of new parts, factory overhaul, transport, erection, testing, and commissioning. Especially worth mentioning are the homologous model testing and the supply of four new Kaplan runners with oil-free hubs – the first ever in Switzerland.

The work will be performed by the ANDRITZ location in Kriens, Switzerland, as the contractor responsible for overall project management, logistics and transport, engineering, erection, and commissioning. Model testing and runner design will be carried out at the ANDRITZ location in Tampere, Finland, and manufacture of the new Kaplan runners and factory overhaul of the large turbine components will be conducted at the ANDRITZ manufacturing facility in Ravensburg, Germany.

ANDRITZ is proud to be part of this rehabilitation project. Today, about 90% of all turbines installed in Switzerland were originally installed or refurbished by ANDRITZ or its predecessor companies. ANDRITZ is committed to its customers serving the Swiss hydropower market across the entire ANDRITZ product and service portfolio.

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Photo: Ryburg-Schwörstadt hydropower plant on the High Rhine

PRESS RELEASE AND PHOTO AVAILABLE FOR DOWNLOAD

Press release and photo are available for download at andritz.com/news. The photo may be published free of charge if the source is stated: "Photo: ANDRITZ".

FOR FURTHER INFORMATION, PLEASE CONTACT

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ANDRITZ GROUP

International technology group ANDRITZ offers a broad portfolio of innovative plants, equipment, systems, services and digital solutions for a wide range of industries and end markets. ANDRITZ is a global market leader in all four of its business areas – Pulp & Paper, Metals, Hydro, and Separation. Technological leadership, global presence and sustainability are the cornerstones of the group's strategy, which is focused on long-term profitable growth. The publicly listed group has around 27,100 employees and over 280 locations in more than 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 as well as turbo generators are also part of this business area's portfolio.