

MARCKOLSHEIM, FRANCE

# New discharge ring assembly

In December 2020, ANDRITZ Hydro Switzerland signed a contract with EDF (Electricité de France) for the supply of one embedded discharge ring, intermediate ring and bottom ring for the largest Kaplan unit in France with a runner diameter of 7,250 mm, and an assembly weight of more than 70 tons.

The scope of supply included the erection of the discharge ring assembly including the dismantling of the old ring, which was fully embedded in concrete.

After intense work, including heavy civil engineering activities over several months, the discharge ring assembly was positioned by the tenth of mm, welded, embedded and then re-machined on-site. This work was successfully completed mid-March 2023.

Our specialist teams were able to meet this technical and human challenge and make it a success for ANDRITZ Hydro Switzerland.

We would like to thank our customer EDF for their valuable collaboration and for their trust.

AUTHOR

Damien Bonjan  
hydronews@andritz.com

TECHNICAL DETAILS

Total output: 40 MW  
Net head: 13.2 m  
Flow: 350 m³/s  
Nominal speed: 75 rpm  
Diameter: 7,250 mm

