



LIKHU-A AND LIKHU 2, NEPAL

# Successful commissioning

A contract for the complete electromechanical elements of the Likhu cluster of Nepalese projects, consisting of Likhu-A, Likhu 1 and Likhu 2, was awarded to ANDRITZ by Nepal's leading private sector hydro developer, namely the Dugar Group of Companies. The contract, awarded in December 2018, involved the design, manufacture, supply, installation, and commissioning of electro-mechanical and hydromechanical works of the three projects.

Despite various challenges faced during execution due to COVID-19 and a volatile raw material market, the ANDRITZ team worked tirelessly to ensure the successful execution of this contract. With a focus on safety, quality, and sustainability, they drove a timely commissioning. As a result, ANDRITZ successfully completed the Likhu-A hydro power project ( 29.04 MW ) in February 2023.

The success of the Likhu-A project was a result of the team's expertise in project management, engineering, construction, and commissioning. They worked closely with the customer and stakeholders to ensure that the project met their needs, while also prioritizing the safety of all workers and the environment.

The Likhu 2 project (55 MW) is almost complete and is set to be commissioned soon. ANDRITZ is proud of the team's commitment to quality and safety in the execution of this project.

Also in execution is the last and third project namely Likhu 1 HPP (77 MW), which is expected to be commissioned in 2024.

These projects are a testament to the excellence of ANDRITZ in delivering state-of-the-art technology for hydropower projects that meet the technical requirements of our clients and stakeholders.

ANDRITZ remains committed to the development of Nepal's hydropower sector. We firmly believe that hydropower has the potential to play a critical role in Nepal's economic growth and development, and we are excited about the opportunities that lie ahead. We look forward to continuing to work with our clients, partners, and stakeholders to deliver more successful projects that benefit the people of Nepal.

## TECHNICAL DETAILS

### Likhu-A:

Total output: 29.04 MW  
Scope output: 2 × 12 MW / 1 × 5.04 MW  
Turbine: horizontal Francis  
Rated net head: 138.55 m  
Rated speed: 600 rpm / 750 rpm

### Likhu 2:

Total output: 55 MW  
Scope output: 1 × 44 MW / 1 × 11 MW  
Turbine: vertical Francis  
Rated net head: 229.53 m  
Rated speed: 600 rpm / 750 rpm



Likhu A and Likhu 2

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