

Media Release

Voith Hydro awarded the contract for 174 MW Asahan 3 hydro-power plant in Indonesia

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- The project will support Indonesia's target to achieve renewable energy share of 23 percent in 2025
- This order strengthens the position of Voith Hydro in Indonesia as one of the leading hydropower equipment suppliers

JAKARTA, INDONESIA. Voith Hydro has been awarded by Mitsubishi Corporation the electro-mechanical equipment contract for the Asahan 3 hydro-power project in Indonesia, which will be operated by the state-owned utility Perusahaan Listrik Negara (PLN). The project is supported and financed by Japan International Cooperation Agency (JICA).

Under the contract with Mitsubishi Corporation, Voith will be responsible for the design, manufacture and supply of two 87 MW vertical Francis turbine and generator units, including the control system, complete electrical, and mechanical balance of plant equipment and a 150 kV switchyard. The project is scheduled to be completed in 2024 and will support Indonesia's target to achieve a renewable energy share of 23% in the energy mix by 2025.

This order strengthens the position of Voith Hydro as one of the leading hydropower equipment suppliers in Indonesia. Voith has successfully put into operation 200 megawatts of hydropower in Indonesia through 20 small and medium hydro projects so far. Besides Voith Hydro Indonesia, the local business unit has been providing project management, onshore supplies, services, spares, repair and maintenance, rehabilitation and modernization works for several hydropower projects in Indonesia.

Fast-growing hydropower market in Indonesia

Indonesia's hydropower potential is estimated at around 75,000 MW, with untapped resources concentrated on the islands of Sumatra, Java and Sulawesi. It is estimated that there is currently about 8 GW of economically viable undeveloped hydropower potential.

The electricity sector in Indonesia is controlled by the state-owned utility PT Perusahaan Listrik Negara (PLN), which has approximately 70 percent of the country's 62.8 GW installed capacity. According to PLN's strategic plan (RUPTL), new capacity in the country will be delivered largely through several sources of energy, including a proposed 1 GW of new hydropower capacity.

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Voith is well positioned to serve Indonesia's power utilities

Voith Hydro's footprint in Indonesia dates back nearly 100 years. The establishment of a local entity in Indonesia in 2015 underlined the commitment of the company to this region. In the future, Voith will continue supporting Indonesia and other regional countries in expanding their footprint in hydropower generation by delivering best-in-class services, products and tailor-made solutions.

About the Voith Group

The Voith Group is a global technology company. With its broad portfolio of systems, products, services and digital applications, Voith sets standards in the markets of energy, oil & gas, paper, raw materials and transport & automotive. Founded in 1867, the company today has more than 20,000 employees, sales of € 4.2 billion and locations in over 60 countries worldwide and is thus one of the larger family-owned companies in Europe.

The Group Division Voith Hydro is part of the Voith Group and a leading full-line supplier as well as trusted partner for equipping hydropower plants. Voith develops customized, long-term solutions and services for large and small hydro plants all over the world. Its portfolio of products and services covers the entire life cycle and all major components for large and small hydro plants, from generators, turbines, pumps and automation systems, right through to spare parts, maintenance and training services, and digital solutions for intelligent hydropower.



Voith to supply the electro-mechanical equipment for the Asahan 3 hydropower plant in Indonesia.

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