

Media Release

Voith Hydro

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Voith wins order for Nam Sam 3 hydropower plant in Laos

- Voith will supply three 52 MW Francis turbines for Nam Sam 3
- The energy produced will be transmitted from Laos to Vietnam to counteract local power shortages
- Voith strengthens its footprint on Southeast Asian hydropower market

HANOI, VIETNAM: Recently, Voith and SCI E&C JSC Company (a part of the SCI JSC Group in Vietnam) signed the electromechanical contract for the Nam Sam 3 hydropower plant. According to the contract, Voith's scope includes the supply of three 52 MW Francis turbine units, complete sets of electromechanical equipment, and technical services for supervision, installation and commissioning.

The project is located in Xam Tai District, Houaphan Province, Laos PDR. Its total capacity is 156 MW, and it will provide up to 626 GWh of electricity every year. The entire project has a total investment volume of more than 300 million USD and is being developed by Nam Sam 3 Power Co., Ltd. a member of Phongsupthavy Group in Laos PDR. Already in June, 2019, a Power Purchase Agreement (PPA) for the output of the Nam Sam 3 hydropower station was signed with EVN (Electricity Vietnam).

According to this PPA, the power will be transmitted from Laos to Vietnam to support the power shortages there. The plant is planned to be put into operation in June 2023 and will be connected to the power grid of Vietnam at the 220 kV Nong Cong Station.

The Engineering, Procurement and Construction (EPC) scope was assigned to SCI E&C who now rely on Voith Hydro's technological expertise for the turbines as SCI E&C and Voith Hydro have a long and successful cooperation history. Voith has successfully commissioned the Ca Nan 1 and Ca Nan 2

hydropower projects and will also supply the electromechanical system equipment and technical services to the newly developed Nam Lum1 (9.2 MW), Nam Lum 2 (18 MW) and Nam Xe (24 MW) plants.

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.

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Contract signing ceremony of Nam Sam 3 hydropower plant

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