

## Media Release

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### **Hydropower Plant Semangka in Indonesia put into commercial operation**

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- **Fast growing hydropower market in Indonesia**
- **Optimization of Indonesia's energy structure**
- **Voith well positioned to serve Indonesian power utilities**

JAKARTA, Indonesia. On November 16, 2018, the completion ceremony for Semangka hydropower plant (Semangka HPP) was held in Jakarta, Indonesia. The ceremony was attended by representatives of the owner - Korea Midland Power Corporation and Posco E&C, local partners of PT Perusahaan Listrik Negara (PLN), the Korean Ambassador to Indonesia, the Governor of Lampung Province as well as representatives from Indonesian Government and Voith Hydro.

Located in South Sumatra Region of Indonesia, the plant utilizes discharge from the Semangka river. Voith delivered the complete water to wire scope which included two generating units comprising of two vertical Francis turbines with a total output for 56.6 MW, two 33.3 MVA generators and two 33/40 MVA generator transformers.

The project is a run-of-river hydroelectric plant that partly replaces electricity generated by fossil fuel fired power plants in the Sumatra Grid thus augmenting the share of renewables in the power generation mix.

#### **Fast growing hydropower market in Indonesia**

The total energy demand in Indonesia is expected to increase by 6.9% each year up to 2026. According to PLN's strategic planning the total new capacity in the country shall be 56 GW throughout the next ten years. Out of this, hydropower plants are expected to deliver 8.3 GW.

Hydropower development is supporting the government's initiative in a big way to increase the share of renewables in the country's total energy use to 23 percent by 2025 from approximately 13 percent in 2018.

### **Voith Hydro is well positioned to serve Indonesia's power utilities**

Voith Hydro's footprints in Indonesia date back to nearly 100 years. The establishment of an office in Indonesia in 2015 underlines the commitment of the company to this region. In future, Voith will continue supporting Indonesia and the adjoining countries to expand 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 19,000 employees, sales of € 4.2 billion and locations in over 60 countries worldwide and is thus one of the large 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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**Caption:**

*From left to right: Mr. Ari, Governor Office, Lampung, South Sumatra, Mr. Woong Hwan Noh, Vice President, Korea Midland Power Corporation, South Korea, Mr. Tomoyuki Yamada, President Director, PT Central Java Power and Mr. Abhishek Mehta, Chief Representative, Voith Hydro Indonesia during the completion ceremony for Semangka HPP.*

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