

GE Vernova awarded contract for new build Tauernmoos pumped hydro storage power plant

- GE Vernova to provide two 85 MW variable speed pumped storage units.
- Tauernmoos is one of the first new build pumped hydro storage units worldwide to feature fully-fed variable speed technology
- Operated by the Austrian Railway Company ÖBB, Tauernmoos will be a cornerstone for a sustainable, demand-oriented supply of traction power from hydropower.

Paris, France (May 18, 2021) – GE Vernova announced that it has been selected by the Austrian National Railway Operator, ÖBB, to supply and commission two 85 MW variable speed pumped storage turbines for the new Tauernmoos Pumped Hydro Storage Power Plant located in the Stubachtal Valley/Austria. As part of the project, GE Vernova will be responsible for the design, engineering, model testing, manufacturing, supply, erection supervision and the commissioning of the two 85 MW variable speed pumped storage turbines and generators. A special feature of the project is that GE Vernova is thus the only OEM to cover the entire scope of delivery of the machine sets. In addition, the company's scope also includes power transformers and power frequency converters as well as part of the balance of plant.

Tauernmoos will be the first new build Pumped Hydro Storage facility worldwide featuring fully-fed variable speed technology. The power plant will be designed for high flexibility and short response times to load changes. Unlike conventional fixed speed units, the variable speed operation allows for very quick starts and stops as well as fast transitions between turbine and pump operation. Among the most adaptable production systems, variable speed hydro storage units can store great



quantities of immediately available electricity, giving the network greater flexibility, predictability and efficiency. For a unit, variable speed can increase weighted efficiency in turbine mode by an average of 1% and pumping power adjustment range by 30%. Thanks to the variable speed technology, Tauernmoos is going to be one of the most flexible pumped hydro storage plants globally.

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About GE Vernova

GE Vernova is a purpose-built global energy company that includes Power, Wind, and Electrification segments and is supported by its accelerator businesses. Building on over 130 years of experience tackling the world's challenges, GE Vernova is uniquely positioned to help lead the energy transition by continuing to electrify the world while simultaneously working to decarbonize it. GE Vernova helps customers power economies and deliver electricity that is vital to health, safety, security, and improved quality of life. GE Vernova is headquartered in Cambridge, Massachusetts, U.S., with approximately 75,000 employees across 100+ countries around the world.

GE Vernova's **Hydro Power** business produces advanced technologies that harness the power of water to help deliver reliable power to some of the world's largest economies and remote communities. =

GE Vernova's mission is embedded in its name - it retains its legacy, "GE," as an enduring and hard-earned badge of quality and ingenuity. "Ver" / "verde" signal Earth's verdant and lush ecosystems. "Nova," from the Latin "novus," nods to a new, innovative era of lower carbon energy. Supported by the Company Purpose, The Energy to Change the World, GE Vernova will help deliver a more affordable, reliable, sustainable, and secure energy future.

Learn more: [GE Vernova](#) and [LinkedIn](#).

Forward Looking Statements

This document contains forward-looking statements - that is, statements related to future events that by their nature address matters that are, to different degrees,



uncertain. These forward-looking statements often address GE Vernova’s expected future business and financial performance and financial condition, and the expected performance of its products, the impact of its services and the results they may generate or produce, and often contain words such as “expect,” “anticipate,” “intend,” “plan,” “believe,” “seek,” “see,” “will,” “would,” “estimate,” “forecast,” “target,” “preliminary,” or “range.” Forward-looking statements by their nature address matters that are, to different degrees, uncertain, such as statements about planned and potential transactions, investments or projects and their expected results and the impacts of macroeconomic and market conditions and volatility on the Company’s business operations, financial results and financial position and on the global supply chain and world economy.

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