GE Vernova to modernize key cross-border grid hub for TransnetBW in Germany

- GE Vernova to build critical substation in Germany to enhance reliability and handle increasing power flows
- Strengthens cross-border power flows and renewable integration between Germany, France, and Switzerland.
- Supports Europe’s energy transition by enabling more renewable energy to flow reliably across borders

Berlin, Germany (08 July, 2025) – GE Vernova Inc. (NYSE: GEV) today announced it has been awarded a contract by German transmission system operator TransnetBW to modernize the Kühmoos grid node - an important electrical substation in southern Germany that plays a vital role in cross-border power flows and regional grid stability. Once complete, the upgraded site is expected to enhance frequency regulation, voltage stability, and power exchange between Germany, France, and Switzerland.

Strengthening a Strategic Grid Node

Located near the Swiss border, Kühmoos serves as a critical transmission hub and connection point for two major pumped-storage hydropower plants. As part of Germany’s broader effort to strengthen grid infrastructure the modernization of Kühmoos aims to increase the capacity and reliability of the substation to support the integration of renewable energy and rising power flows across interconnected European networks.

Scope of GE Vernova’s Work

GE Vernova's Grid Solutions business will lead turnkey delivery of a new 380 kV gas-insulated substation (GIS), replacing the existing air insulated switchgear, doubling capacity within a significantly smaller footprint while maintaining live operations throughout construction. The project includes 15 bays of compact GIS technology a 4 Main Busbar System, allowing for more flexible, secure, and space-efficient power distribution.

The project also integrates a mechanical switched capacitor with damping network (MSCDN) - a technology that helps regulate voltage and reduce losses, especially as more high-power flows move through the grid.

Dr. Rainer Pflaum, CFO at TransnetBW, **said**: "At the substation Kühmoos of TransnetBW, we are reinforcing a vital energy hub for both Germany and our neighbouring countries, France and Switzerland. The collaboration with GE Vernova supports our ambition to expand and future-proof our transmission network while continuing to operate reliably and safely. This modernisation is therefore a major milestone in the transformation of our grid, ensuring the electricity supply in south-western Baden-Württemberg."

"This is a landmark project for the region and a proud moment for GE Vernova," **said Johan Bindele, Vice President and CEO of Grid Systems Integration at GE Vernova**. "Modernizing critical grid nodes like Kühmoos is essential for supporting the long-term reliability of Europe's power system, especially as countries expand their use of renewables and seek greater interconnection across borders. Europe is our largest market for Electrification, and we are deeply committed to supporting its energy transition. We are honored to support TransnetBW in building grid infrastructure that is both future-ready and resilient."

Supporting Europe's Grid of the Future

Europe is rapidly scaling up its renewable energy ambitions, with the EU power sector expected to generate around 70% of its electricity from renewables by 2030 and nearly 90% by 2050, according to the latest IRENA outlook. To reach these targets, grid modernization, accelerated infrastructure investment, and better

cross-border coordination are critical. Recent insights from the World Economic Forum's 2025 Energy Transition Index also underscore the urgent need to improve system flexibility and resilience, especially as electricity demand rises. Projects like Kühmoos - designed to enhance transmission capacity, system stability, and cross-border connectivity - are essential enablers of Europe's energy transition and long-term competitiveness.

GE Vernova's Grid Solutions business is a global leader in delivering advanced technologies that connect, stabilize, and protect the grid. With this contract, the company reinforces its longstanding presence in Europe and ongoing commitment to building the resilient infrastructure needed to power the energy transition.

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Notes for financial editors:

GE Vernova booked this order in Q2 of 2025

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 address GE Vernova's expected future business and financial performance, 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 business operations, financial results and financial position and on the global supply chain and world economy.

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About GE Vernova

GE Vernova Inc. (NYSE: GEV) is a purpose-built global energy company that includes Power, Electrification and Wind 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 85,000 employees across approximately 100 countries around the world. Supported by the Company's purpose, The Energy to Change the World, GE Vernova technology helps deliver a more affordable, reliable, sustainable, and secure energy future.

GE Vernova's **Grid Solutions** business electrifies the world with advanced grid technologies and systems, enabling power transmission and distribution across the power grid, and supporting a decarbonized and secured energy transition.

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GE Vernova

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