GE Vernova awarded bulk order by Amprion for power interconnection transformers to reinforce electrical grid in Germany

- *To help meet complex grid needs due to the energy transition, German transmission system operator Amprion GmbH has ordered 400 kV transformers from GE Vernova's Grid Solutions business*
- *They will help contribute to the supply of electricity to 29 million people covered by Amprion's grid*
- *GE Vernova is committed to continuing to provide leading technological solutions to address the ever-evolving challenges faced by grid operators*

Paris, FRANCE — September 19th, 2023 — As part of its grid reinforcement efforts amid the energy transition and overhaul of aging assets, Amprion GmbH, one of four transmission system operators (TSO) in Germany, has awarded GE Vernova's Grid Solutions business a contract for twelve 400 kV power transformers. The transformers will be manufactured at GE Vernova's grid facility in Mönchengladbach in western Germany.

Totaling more than 5,000 MVA, these power transformers will make an important contribution to the supply of electricity to the 29 million people who live and work in the area covered by Amprion's grid. Amprion's extra-high voltage 11,000-kilometer-long grid extends from Lower Saxony to the Alps where about a third of Germany's economic output is generated. Delivery of the power transformers is planned from 2025 to 2027.

"As utilities transition to renewable energy sources, electrical transmission grid operators continue to face increasing demand and complexity. Today's transmission systems are expected to carry bulk power in ways they never originally were designed to accommodate," said Philippe Piron, President and CEO of GE Vernova's Grid Solutions business. "We are proud to support Amprion, a long-time valued GE Vernova customer, to reinforce their 400 kV electrical grid. Our advanced power transformers will help them increase capacity and maintain stability on their network."

Transformers are part of the backbone of electricity grids, regulating the flow of power from generation plants, where electricity is produced, through transmission and distribution power lines to be delivered to people's homes and businesses. Replacing a transformer fleet installed in the 1970s with GE Vernova's advanced transformers provides Amprion with updated grid technology that will help integrate even more renewables on to their network. The transformers will be installed at nine substations. Since 2003, the Dortmund-headquartered company has purchased GE Vernova's transformers, switchgear, gas-insulated switchgear (GIS), mechanically switched capacitors with damping network (MSCDN), and services.

GE Vernova has more than 130 years of power transformer expertise. The company offers a wide variety of transformers from medium to ultra-high voltage (1200 kV AC and ±1100 kV DC) and from small (5 MVA) to very large power ratings (2750 MVA) with applications in generation, transmission and

distribution. The offering includes conventional and special transformers such as phase-shifting, static var compensator (SVC), high voltage direct current (HVDC), arc furnace and reactors, as well as Ester oil power transformers. GE's power transformers provide exceptional performance, quality and reliability with digitized protection and monitoring schemes, as well as advanced design and testing capabilities.

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About GE Vernova
GE Vernova is a planned purpose-built global energy company comprising of Power, Wind, and Electrification segments and supported by its accelerator businesses of Advanced Research, Consulting Services, and Financial Services. 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 70,000 employees across 140+ countries around the world.

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 energy future with security. Learn more: GE Vernova and LinkedIn.

About GE Vernova's Grid Solutions business
Grid Solutions, an integral part of the GE Vernova portfolio of energy businesses, serves customers globally with over 12,000 employees. Grid Solutions provides power utilities and industries worldwide with equipment, systems, and services to bring power reliably and efficiently from the point of generation to end power consumers. Grid Solutions is focused on addressing the challenges of the energy transition by enabling the safe and reliable connection of renewable and distributed energy resources to the grid. We electrify the world with advanced grid technologies and accelerate the energy transition. For more about GE's Grid Solutions, visit www.gegridsolutions.com

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