GE Vernova inks milestone aeroderivative order to help enhance the stability of the energy grid in the Tennessee region

- 16 of GE Vernova's LM6000VELOX* dual fuel DLE (dry low emissions) gas turbine and generator packages are expected to power Tennessee Valley Authority (TVA)'s Kingston Energy Complex
- New plant aims to provide more flexible, reliable and dispatchable generation to support the growth in intermittent renewables
- First LM6000VELOX was installed at TVA's Johnsonville plant in middle Tennessee in 2023

ATLANTA, Ga (May 6, 2024) – GE Vernova Inc. (NYSE: GEV) today announced it has secured an order for 16 of its aeroderivative LM6000VELOX* package solutions, each including an LM6000* gas turbine and a generator, to be installed at Tennessee Valley Authority (TVA)'s Kingston Energy Complex on the Clinch River arm of Watts Bar Reservoir near Kingston, Tennessee. The new units are expected to deliver a flexible supply of up to 850 megawatts of electricity to help enhance the reliability of the energy grid and help ensure TVA's energy consumers have uninterrupted access to affordable and reliable power.

"The Kingston Energy Complex highlights the way diverse generation works together to ensure TVA can provide more reliable, resilient and affordable power," said **TVA Chief Operating Officer Don Moul**. "These aeroderivative units will help us meet demand during peak energy usage and supplement solar generation on days when sunshine is limited."

GE Vernova's LM6000VELOX packages, expected to start operation in 2028, feature dual-fuel capability to flexibly operate on natural gas or on liquid fuels, if needed. In addition, the DLE combustor configuration is capable to meeting stringent environmental regulations, meeting emissions limits that comply with the regional air district requirements and avoiding water consumption for NOx emissions abatement.

Already an industry leader in carbon reductions, TVA has reduced emissions by 57 percent from 2005 levels. Nearly 60% of TVA's energy comes from carbon-free sources including nuclear, hydropower, storage, and solar.

"This milestone project marks GE Vernova's commitment to supporting TVA's efforts to ensure affordability and reliability of electricity while focusing on more efficient and sustainable energy generation," said **Dave Ross, President of GE Vernova's Gas Power in the Americas region**. "TVA is actively integrating more renewables into the system, investing in new technologies, and retiring older, less efficient generation and they are doing this in a holistic way that helps to ensure affordability, reliability, and resiliency for their 10 million customers."

The LM6000 gas turbines are well-known in the power generation industry for their quick start time in as little as 5 minutes to full power, high cyclic life helping to complement intermittent power from renewable sources, and operational flexibility which can help stabilize the grid and reduce the risk of electricity supply shortages.

These units are derived from jet-engine technology powering the world's airlines jets. With over 40 million operating hours and an installed base of nearly 1,300 across approximately 60 countries, these turbines have more operating experience than any other aeroderivative gas turbine greater than 40 MW. The LM6000 offers greater than 99 percent start and operational reliability and over 98 percent availability.

GE Vernova's LM6000VELOX package, announced in October 2023, features enhancements aiming to reduce site construction time for power generation utilities, EPCs, and other industry stakeholders. The solution features a quick

package installation in a simple cycle configuration, with an expected reduced installation and commissioning schedule and consequent lower costs.

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Notes to editors

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.

About GE Vernova
GE Vernova (NYSE: GEV) is 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 more than 80,000 employees across 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 **Gas Power** business engineers advanced, efficient natural gas-powered technologies and services, along with decarbonization solutions that aim to help electrify a lower carbon future. It is a global leader in gas turbines and gas power plant technologies and services with the industry's largest installed base of approximately 7,000 gas turbines.

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. Learn more: GE Vernova and LinkedIn.

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