Powered by GE Vernova H-Class technology, Ningzhou power plant adds up to 2.4 GW of power to the national grid in China

- GE Vernova provided three 9HA.02 heavy duty gas turbines for Guangdong Energy Group Co., Ltd.’s Dongguan Ningzhou power plant, one of the largest gas power plants in China

GUANGDONG PROVINCE, CHINA (October 24, 2024) – On the heels of GE Vernova’s announcement of Chinese state-owned power utility Guandong Energy Group Co.,Ltd Huizhou power plant achieving a successful start of operation, GE Vernova Inc (NYSE: GEV) today announced the utility’s Dongguan Ningzhou combined cycle power plant achieved the start of operations in the Guangdong province, China. The plant, powered by three 9HA.02 gas turbines, is expected to inject up to 2.4 gigawatts (GW) of power in addition to the 1.34 GW of power already delivered into the grid by the GE Vernova HA-powered Huizhou power plant.

“GE Vernova has long been our company of choice when transitioning our power plants from coal to natural gas and we trust that in the future GE Vernova technology will help transition to nearly net-zero carbon emissions,” said a representative from **Guangdong Energy Group**.

China aims to achieve a carbon emissions peak by 2030 and achieve carbon neutrality by 2060. Driven by these goals, the country is committed to reduce coal’s share of its energy mix and expedite the building of highly efficient gas-powered combined cycle plants, like Dongguan Ningzhou power plant. Dongguan Ningzhou project is also aligned to local government policy reform in the Greater Bay Area focused on the coal-to-gas energy transition.

GE Vernova HA technology offers among the lowest carbon emissions emissions per amount of fuel in the industry to give power plant

operators, like Guandong Energy Group, the ability to reduce fuel consumption and lower carbon emissions.

“Dongguan Ningzhou plant plays a significant role in supporting a lower-carbon and more sustainable power generation in the Guangdong province, north of Hong Kong in the Greater Bay Area,” said **Xu Xin, Gas Power Services China ITR Leader, GE Vernova**. “We celebrated today the start of the operation of one of the largest gas plants in China. This plant will help boost the megapolis’ transition from coal to gas power generation to lower emissions. This milestone was achieved on time and safely, with the highest standards of quality, also thanks to the superb collaboration with our local partner, Harbin Electric who provided steam turbine, generator and balance-of-plant equipment.”

By using natural gas in a highly efficient way with GE Vernova’s H-class leading technology, the plant has a lower emissions impact with up to 60% less carbon emissions compared to plants of the same size powered by coal. In addition, to further advance decarbonization utilizing gas power, GE Vernova’s H-Class gas turbine portfolio currently has the capability to burn up to 50% by volume of hydrogen when blended with natural gas and with a future technology pathway to 100%,

Built on over 130 years of heritage, expertise and industry leadership, GE Vernova was the first international manufacturer and supplier of gas turbine technology entering China, serves over 110 gas power plants in China, and offers gas power producers and engineering, procurement, and construction companies (EPC) a world-class portfolio of technology and services for gas power plants in China, encompassing the entire lifecycle of their assets.

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Notes to editors

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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 75,000 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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