# New GE Vernova H-Class technology to modernize power plant in Japan

- Three GE Vernova 7HA.03 gas turbines to be installed at The Kansai Electric Power Company, Incorporated in Osaka, Japan

- Replacement of aging conventional LNG power generation assets (consisting of three boilers and three steam turbines) with GE Vernova advanced equipment is expected to improve power plant performance and lower CO2 emissions

**TOKYO, JAPAN** (October 8, 2024) — GE Vernova Inc. (NYSE: GEV) today announced an order for three GE Vernova 7HA.03 gas turbines to be installed at The Kansai Electric Power Company, Inc.'s ("Kansai Electric") Nanko power station in Osaka, Japan. GE Vernova's advanced 7HA.03 power generation equipment will replace the existing aging conventional LNG power generation assets (consisting of three boilers and three steam turbines) and is expected to increase power plant efficiency, while reducing its carbon dioxide emissions.

Japan has set ambitious targets to achieve net zero by 2050 as per the latest Nationally Determined Contribution (NDC) plans. As recently described in GE Vernova's "2024 Japan Energy Outlook" White Paper, the Japan's energy system is in transition, and the country has targeted achieving this decarbonization goal through setting up investments in lower carbon generation sources and the support of "Economic Efficiency", one of the three "S+3E" pillars within the revised national 6th Strategic Energy Plan (including also "Safety plus Energy Security", and "Environmental Sustainability").

"The plant is expected to deliver up to 1.8 gigawatts (GW) of electricity to the grid in total and to be the among the most efficient in the country," said **Ramesh Singaram, President and CEO, Asia of GE Vernova's Gas Power**. "In addition, 7HA.03 gas turbine technology currently has the capability to burn up to 50% by volume of hydrogen when blended with natural gas, with a technology pathway to 100% over the next decade. We look forward to bringing this advanced technology to Kansai Electric, with whom we have a longstanding relationship built on years of mutual respect and trust, to help revitalize the Japanese power industry with more efficient and more sustainable technology, in alignment with the country's energy goals."

In addition, GE Vernova is also expected to provide field services.

GE Vernova is a key player in Japan's energy transition, having enabled power generation for Japan for more than 130 years. To date, the company delivers more than 50% of Japan's heavy duty gas power capacity and supports the country's growing renewable and nuclear energy needs.

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**Notes to Editors**


**Financial Editors: Please note this order was booked in the third quarter of 2024.**

**About GE Vernova**
GE Vernova Inc. (NYSE: GEV) 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 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. Learn more: GE Vernova and LinkedIn. 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.

**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, including levels of reduction of carbon dioxide emissions, 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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GE Vernova

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