GE Vernova powers up Vietnam with commercial operation of first 9HA gas power plant in the country

- PetroVietnam Power Corporation (PV Power)’s Nhon Trach 3&4 marks the first HA-powered plant in Vietnam, as well as the first to be powered by liquefied natural gas (LNG)
- The new 9HA.02 combined cycle power plant is expected to improve the reliability and stability of the energy grid to support renewables penetration
- Nhon Trach 3&4 power plant can deliver 1.6 gigawatt (GW) of electricity to the grid, meeting the growing electricity demand in Ho Chi Minh City and Dong Nai province

DONG NAI PROVINCE, Vietnam, January 5, 2026 – GE Vernova Inc (NYSE: GEV) today announced the start of commercial operation of PetroVietnam Power Corporation (PV Power)’s Nhon Trach 3&4 1.6-gigawatt (GW) Power Plant in Ong Keo Industrial Park in the Dai Phuoc commune, approximately 70 kilometers southeast of Ho Chi Minh City, Vietnam.

Nhon Trach 3&4 power plant, built by the engineering, procurement, and construction (EPC) companies Samsung C&T and Lilama, marks the first HA-powered plant in Vietnam, as well as the first to be powered by liquefied natural gas (LNG).

According to the Adjusted PDP8, an amendment to Vietnam's National Power Development Plan VIII, LNG remains central to the flexible generation mix, with a capacity of more than 22 gigawatts (GW) projected for 2030, accounting for 9.5 - 12.3 percent of the national system.

Nhon Trach 3&4 Power Plant is expected to play a crucial role in meeting the growing electricity demand in the southern region of Vietnam and contribute to the country's sustainable development goals.

This project marks the expansion of gas-fired power generation and accelerates the transition from coal to gas. GE Vernova’s H-class leading technology fueled by highly efficient natural gas generates a lower environmental impact, with approximately 60% less carbon emissions compared to thermal plants of same electrical output powered by coal. In addition, this project can expedite the integration of renewable energy sources by improving the reliability and stability of the energy grid.

Vietnam’s energy transition requires solutions that balance capacity, efficiency, and sustainability, which is why we chose GE Vernova’s 9HA.02 gas turbines for Nhon Trach 3&4,” said a representative from PV Power. “GE Vernova’s advanced 9HA.02 gas turbine is central to our commitment to modern energy standards. It enables the plant to achieve greater than 63% combined cycle efficiency, ranking it among the world’s most efficient facilities. Additionally, the 9HA.02 meets the strictest emission regulations, offers versatile fuel-switching capabilities—operating on LNG now, supporting up to 50% hydrogen co-firing, and paving the way for 100% hydrogen use in the future—ensuring alignment with Vietnam’s net-zero goals for decades.”

For this project, GE Vernova provided two blocks of more than 800 megawatts (MW) each including: a 9HA.02 gas turbine, the company’s most efficient 50 Hz gas turbine, an STF-D650 steam turbine, a W88 generator, a Once Through Heat Recovery Steam Generator (OT HRSG) a key enabler in advanced water-steam cycles delivering higher combined cycle efficiency. In addition, GE Vernova’s integrated Mark* VIe Distributed Control System (DCS) will help PV Power improve asset visibility, reliability, and availability while reducing operation and maintenance costs.

“Renewable energy is expected to grow significantly in Vietnam while at the same time, lower-carbon and highly efficient gas power generation will play a crucial role

in supporting this growth while ensuring grid stability and reliability," said **Ramesh Singaram, President & CEO of GE Vernova's Gas Power business in Asia Pacific region.** "This first of its kind project is expected to bring electricity for large industrial areas in the southern region including Ho Chi Minh City and Dong Nai province while opening up a new chapter for gas power generation in Vietnam. We are proud to execute the first HA project in the country, in alignment with its national energy goals for a more sustainable national economic growth."

GE Vernova's equipment provides up to 30% of the Vietnam's electricity needs, with over 1,100 employees across 13 locations from various GE Vernova businesses throughout the country. GE Vernova's global customers are served by a global network of repair and manufacturing capabilities which include GE Vernova's Phu My repair facility and Dung Quat HRSG manufacturing plant in Vietnam, where the Pressure Part Modules for this plant were manufactured within country.

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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 **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 power plant technologies and services with the industry's largest installed base.

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