

GE Announces H-Class Gas Turbine Order from ENEVA to Support Energy Transition in Brazil

- *GE's highly efficient, reliable, and advanced H-Class combined cycle power plant is the most responsive and flexible in the industry*
- *Eneva's Azulão GE 7HA.02 power plant will deliver up to 350 megawatts (MW) of reliable reserve power to help stabilize the grid and support renewable growth in Brazil*
- *Advancements in hydrogen-based fuels and carbon capture and sequestration (CCS) solutions enable gas turbines to represent a long-term investment*

Atlanta, GA, October 13 2022— GE (NYSE: GE) today announced it has secured a H-Class gas turbine order from [Eneva](#), the largest private natural gas operator in Brazil to support the energy transition and enhance renewable energy growth in the country. GE will supply a 7HA.02 gas turbine for Eneva's new Azulão reserve power plant to help stabilize the grid.

"The use of renewable energy sources is continuously being expanded in many countries around the world, but the grid infrastructure still requires highly efficient gas turbine technology to stabilize and support these variable technologies," said Eric Gray, President and CEO of GE Gas Power. "Rapid renewable energy growth presents system operators and energy providers with the increasingly difficult task of continuously ensuring stability of the grid and a reliable power supply. GE's H-Class gas turbine technology has earned a reputation for flexibility, output, environmental performance and high efficiency that has led to its rapid growth and maturation as a fleet worldwide, and we're honored to add a new customer to our HA fleet."

Eneva's Azulão power plant, Brazil

For the new 350-Megawatt (MW) Azulão power plant, GE will provide a GE 7HA.02 gas turbine powering a H65 generator to give Brazil extra flexibility to manage its renewable-rich grid and its growing utilization of non-dispatchable energy sources.



The country counts on approximately 70% of its power generation from renewable energy and this plant will help support the growth of intermittent power from hydro (without reservoirs), solar and wind resources. According to the National Grid Operator, wind and solar generation will grow from 15.6% (27.8GW) in 2022 to 21.1% (42.1GW) in 2026 of the grid's total installed capacity.

The construction of the new reserve power plant, located near Manaus, will start in late 2022, targeting the start of commercial operation by 2026. The installed capacity will be available to the National Grid Operator to help ensure grid stability with high efficiency. In addition, the increased power available on the open electricity marketplace could help reduce average cost of electricity in the country.

Eneva trusted GE's advanced HA technology and turned to GE based on a longtime collaboration between the two companies, built on more than half a dozen of GE 7F gas turbines reliably powering Eneva's power plants across Brazil for almost a decade.

In Brazil, Eneva owns and operates a 1.9 GW-generation complex integrated to proprietary gas production. Expanding the use of natural gas will support Eneva's continuous investment in renewable energy: the company is now in the Brazilian renewables industry with the recent acquisition of Focus Energia. The carbon footprint of Eneva's power generation portfolio will drop significantly as this new capacity becomes operational, with coal power plants targeted to be phased out by 2040.

GE's H-Class gas turbine technology is the most responsive and flexible in the industry. It has also set combined cycle efficiency records at both 50 Hz and at 60 Hz and is engineered to reduce carbon emissions below those emitted by prior gas turbines.

GE has a longstanding presence of 100 years in Brazil. GE equipment helps power approximately 30% of the energy produced in Brazil and about one-third of all energy generated throughout Latin America.



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About GE Gas Power

GE Gas Power is a world leader in natural gas power technology, services, and solutions. Through relentless innovation and continuous collaboration with our customers, we are providing more advanced, cleaner and efficient power that people depend on today and building the energy technologies of the future. With the world's largest installed base of gas turbines and more than 670 million operating hours across GE's installed fleet, we offer advanced technology and a level of experience that's unmatched in the industry to build, operate, and maintain leading gas power plants. For more information, please visit www.ge.com/power/gas and follow GE's gas power businesses on Twitter [@GE_Power](https://twitter.com/GE_Power) and on LinkedIn at [GE Power](https://www.linkedin.com/company/ge-power).

GE Gas Power is part of GE Vernova, a dynamic accelerator comprised of our Power, Renewable Energy, Digital and Energy Financial Services businesses, focused on supporting customers' transformations during the global energy transition

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