



GE Plans to Invest up to \$5 million to Support its Leading Aero-derivative Gas Turbines Business and Announces New Orders around the World

- *GE will invest up to US\$ 5 million over the next 2 years in its existing Global Technology Center in Greenville, South Carolina, to create a second manufacturing hub for its aero-derivative TM 2500* and LM2500XPRESS* gas turbines*
- *New center is expected to add up to 25 highly skilled jobs and provide faster support in the Americas region, reducing order time in the region*
- *New orders announced in Americas and Europe*

GREENVILLE, S.C. — August 25, 2022 — GE (NYSE: GE) today announced its decision to invest up to \$5 million over the next two years to add a second manufacturing location for GE’s TM 2500* and LM2500XPRESS* aero-derivative units for the Americas region in its existing Global Technology Center in Greenville, South Carolina. The new manufacturing hub will complement the current GE manufacturing site in Veresegyhaz, Hungary. The announcement underscores the company’s commitment to its highly flexible and mobile aero-derivative gas turbine technology which can help manage power shortages, stabilize the grid, and support renewables growth.

GE’s Global Technology Center in Greenville will significantly increase its manufacturing capability to support deliveries in the Americas region, but also the global aero-derivative growth. According to a study by [Global Market Insights](#), the global aero-derivative turbine segment is set to exceed \$2.5 billion by 2025, demonstrating that the agile aero-derivative turbine technology is appreciated for its compact size, lighter weight, quick start capability and operational flexibility. With quick start times, aero-derivative turbines are a crucial component for renewables balancing in grid systems. Aero-derivatives can start and stop daily and quickly, further enhancing their suitability to support renewable energy generation and grid balancing.

“With the increasing penetration of renewable energy, operational flexibility is key, and our aero-derivative turbines are engineered to provide reliable stable power to balance fluctuating renewable resources,” said Clive Nickolay, CEO of GE Gas Power’s Aero-derivative Business. “Our Center in Greenville has been a key industrial and talent hub for GE over the last five decades. The trust in our team combined with shop capabilities and prior experience with LMS100* Aero units are key reasons we chose Greenville for this expansion, as well as the desire to produce these units closer to increased customer demand for the technology across the Americas. This investment will help us better service power plant and industrial operators based in the Americas making an important contribution in reducing the carbon emissions of the power sector through the supply of flexible, dispatchable, and efficient power plants compared to earlier coal and gas power plants.”

The site, expected to add up to 25 skilled employees, will adopt lean methodologies to drive its transformation: two new lean lines will be created to start manufacturing aero-derivative units from the fourth quarter of 2022.



In addition, GE today announced two orders for its aeroderivative technology around the world.

- **Two GE's LM2500XPRESS will power West Texas Gas' operations**

In March 2022, West Texas Gas (WTG) ordered two GE LM2500XPRESS delivering approximately 60 megawatts (MW) of power in total. WTG's core businesses is in natural gas distribution operations, natural gas transmission services, gas gathering/processing, and natural gas liquids transmission services.

Each of the two [LM2500XPRESS](#) power packages comprises of a GE LM2500* aeroderivative gas turbine modular package and emissions control system. With the capability to start in 5 minutes or even less from cold iron, these units derived from the aviation industry can perform daily starts and stops and will help WTG's North Permian Midstream plant to process gas. The first unit arrived at the site this summer and it is expected to start commercial operation in October, while the second unit is expected to be in commercial operation by year's end.

- **GE's TM2500 power plant will help the Greek Island Kos avoid black outs this summer**

GE also announced today that it has secured a new order from the Greek construction company TERNA SA for a GE TM2500 aeroderivative gas turbine to support the summer peak power needs and help the Greek Island of Kos avoid black outs this summer.

“PPC, the leading electricity producer and supplier in Greece, needed fast power to support the peak power demand during summer months in the power plant of Kos which supplies electricity to the island, as well as the surrounding islands of Kalymnos, Nisyros, Tilos, Leros, Pserimos, Telendos and Lipsi, with underwater cables” said Yannis Nousis, Manager of Energy Projects at TERNA SA. “GE had the ability to support the emergency situation in Kos through the immediate availability for shipment of their TM2500 aeroderivative mobile gas turbine technology and BOP equipment for fast power projects. GE's power plant on wheels started to operate on July 18th, within 100 days from the date we signed the order with GE.”

GE TM2500 can reach full power in less than 10 minutes with an efficiency of 37 percent at 60 Hz and 35 percent at 50 Hz. It offers multi-fuel flexibility operating on either natural gas or liquid distillate fuels. In Kos, due to the lack of natural gas, the 33.6 megawatts (MW) unit will be fueled by light distillate provided by a tanker every 2-4 weeks and stored in large tanks. It will be then purified by a GE supplied liquid fuel module and stored in smaller tanks for use in the TM2500 gas turbine generator.

*Trademark of General Electric Company

About GE Gas Power

GE Gas Power, an integral part of GE Vernova, is a world leader in natural gas power technology, services, and solutions. Through relentless innovation and continuous collaboration with our customers,



GE VERNOVA

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 and LinkedIn.

GE Vernova is 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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