Long Ridge Energy Terminal and GE Commission & Demonstrate First Advanced Class Hydrogen-Burning Power Plant Worldwide Using GE HA Gas Turbine

- *Demonstration signifies first time a GE H-Class "utility-scale" gas turbine is utilizing hydrogen in commercially operating power plant worldwide*
- *Project is major step in Long Ridge Energy Terminal's plans to generate carbon-free electricity by transitioning their natural gas plant to run on hydrogen over time*
- *Project achieved the successful start of commercial operation in 2021 and demonstrated hydrogen fuel blending successfully in March 2022*

HANNIBAL, OH – April 22, 2022 –GE (NYSE: GE) and Long Ridge Energy Terminal ("Long Ridge"), a subsidiary unit of Fortress Transportation and Infrastructure Investors LLC (NYSE: FTAI) and an affiliate managed by GCM Grosvenor (NASDAQ: GCMG), announced a successful first step to transition Long Ridge's power plant toward carbon-free hydrogen: following the start of commercial operation achieved in October 2021, the plant conducted a successful demonstration using a hydrogen-blended fuel in GE's HA gas turbine at Long Ridge's 485 MW combined-cycle power plant located in Hannibal, Ohio. The hydrogen blending test was completed on March 30, 2022 at the facility using hydrogen produced as by-product from a nearby industrial facility.

"This is a profound achievement for Long Ridge Energy Terminal, GE, and the entire power generation industry. Our Hannibal power plant is the first GE H-class plant worldwide in commercial operation to blend hydrogen successfully and we will continue to work with GE to lead the deployment of utility-scale hydrogen solutions and sustainable energy storage," said **Bo Wholey**, President of Long Ridge Energy Terminal. "We are focused on delivering low-carbon, reliable, and cost-effective energy to our customers including local data centers and technology companies. Data centers represent one of the many industries that can benefit from hydrogen-fueled power generation and – supported by GE's advanced gas turbine – we are committed to meeting these needs."

The plant is powered by a GE 7HA.02 gas turbine, which can burn between 15-20% hydrogen by volume in the gas stream initially and is expected to have the capability to utilize up to 100% hydrogen over time. For the demonstration, GE provided an integrated system – GE's H2 Integrated Fuel Blending System - to allow an initial blending of 5% hydrogen by volume and natural gas to demonstrate the capability. The blended fuel was injected to the combustion system of the gas turbine, and further upgrades will allow the power plant to utilize higher percentages of hydrogen subject to fuel availability and economics.

"Gas turbines—whether new or retrofitted—can help the power generation industry reduce its carbon emissions this decade by blending hydrogen with natural gas, and this first-of-its-kind demonstration in a H-Class "utility-scale" gas turbine is a major milestone for GE's and the industry's journey towards lower-carbon power generation," said **Scott Strazik**, CEO of GE's Global Energy Business Portfolio. "This milestone is built on a great legacy of hydrogen fuels experience across GE's non-HA gas turbine

fleets where GE has more than 8 million operating hours burning hydrogen or similar low carbon fuels. We are pleased to collaborate with Long Ridge to demonstrate pre-combustion decarbonization is something we can and must pursue today, even on GE's largest utility scale HA gas turbines, to demonstrate that gas generation can be a destination technology in the energy transition."

The facility plans to produce hydrogen onsite and is considering the use of below-ground salt formations for large-scale hydrogen storage. In this way, the plant will be able to support a balanced and diverse power generation portfolio in the future and leverage an overall energy storage capability ranging from accommodating seasonal fluctuations related to renewable power, to cost effective, dispatchable intermediate and baseload power.

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About Long Ridge Energy Terminal
The Long Ridge Energy Terminal is the Appalachian Basin's leading multimodal energy terminal with a 485 MW power plant, nearly 300 acres of flat land, two barge docks on the Ohio River, a unit-train-capable loop track and direct access to Ohio Route 7. Long Ridge is owned by a subsidiary of Fortress Transportation and Infrastructure Investors LLC, which trades on the New York Stock Exchange under the ticker FTAI and an affiliate managed by GCM Grosvenor. For more information on Long Ridge, please visit www.longridgeenergy.com.

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 and LinkedIn.

For more information, please contact:

Adam Tucker

External Communications Leader
GE Gas Power
Adam.Tucker@ge.com
+1-518-227-2463

Josh Martincic
Vice President of Business Development
Long Ridge Energy

josh.martincic@longridgeenergy.com
+1-412-327-3399

https://www.gevernova.com/
GE Vernova