GE Vernova launches TM2500* DLE aeroderivative gas turbine, world’s first mobile power generation solution to operate without water

- TM2500 Dry Low Emissions (DLE) delivers power anywhere, whether on or off the grid without the need of water or diluents – ideal in remote areas or after natural disasters
- The new “power plant on wheels” provides additional power output, in a smaller footprint and more efficiently, compared to the TM2500 gas turbine
- TM2500 DLE is also more sustainable: it produces lower nitric oxide (NOx), carbon monoxide (CO), and particulate matter (PM) emissions compared to the previous GE Vernova’s mobile solutions

ATLANTA, GA (March 31, 2025) – GE Vernova Inc. (NYSE: GEV) today announced its next generation of mobile aeroderivative gas turbines, “power plants on wheels” delivering

reliable and efficient power anywhere, whether on or off the grid. The new TM2500* Dry Low Emissions (DLE) is GE Vernova’s waterless, mobile 34MW power plant that offers higher-efficiency performance, up to 39 percent efficiency, with reduced NOx emissions and waste.

The mobile power solutions trend is being driven by a variety of factors. The global energy access gap worsens as population growth outpaces new connections: 76 million people are living without electricity access. The vast majority of that growth will happen in areas where the power grid is either very weak or does not exist at all. Another major driver is the need for emergency power for utilities,

municipalities, datacenters and other industries. These industries rely on a stable power supply to grow and evolve. Finally, in an increasing number of countries, utilities are investing in rapid, highly mobile technology that can quickly bridge the power gap during blackouts, energy shortages or even natural disasters.

“The development of a decentralized energy network, where electricity is generated close to, or at, the point of use, also drives efficiency by reducing or eliminating energy losses from transmission and distribution, thus delivering both economic and environmental benefits.

With this new solution we are committed to offering customers across the world greater fuel and operational flexibility, coupled with increased sustainability,” said **Clive Nickolay, CEO of GE Vernova’s Gas Power Aeroderivative business line**. “The TM2500 DLE offers the same reliability of earlier models, but it is the first to operate without water and without any aftertreatment in emissions, as it produces lower nitric oxide (NOx), carbon monoxide (CO), and particulate matter (PM) emissions –compared to the previous mobile solutions and almost no methane slip.

The modular TM2500 DLE’s is more compact and easier to ship. It is on a two-trailer frame that offers on-site flexibility and boasts a 30-day lead time from contract to commissioning. Once installed, the TM2500 DLE has a five-minute fast start cycle, ideal for rapid response to sudden changes in power demand or grid stability. The unit’s mobility and speedy start up cycle allow the unit to meet a variety of needs in multiple locations – well-suited to grid-firming, construction, or the sudden shifting demands of emergency and natural disaster response.

GE Vernova’s TM2500 DLE builds on the proven reliability of earlier generations of mobile gas turbines which have been proving their versatility and reliability for 140 million accumulated hours of operation. The unit is fuel flexible, running on gas, liquid fuel, or hydrogen blend, to help operators to generate reliable power, despite possible fuel supply challenges or fluctuating costs.

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 approximately 75,000 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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