GE Vernova announces first commercial operation of its LM6000VELOX* package at Dominion Energy’s Bushy Park facility in South Carolina

- Dominion Energy South Carolina’s Bushy Park Combustion Turbine facility is home to GE Vernova’s first LM6000VELOX* package in commercial operation globally
- Advanced aeroderivative solution replaced older generation peaking units to help enable a more reliable, flexible, and efficient power supply
- LM6000VELOX, including an LM6000* aeroderivative gas turbine and a generator, is factory assembled into simplified modules for a faster and easier site installation and commissioning

ATLANTA, GA (February 13, 2025) – GE Vernova Inc. (NYSE: GEV) announced today Dominion Energy’s Bushy Park Combustion Turbine (Bushy Park CT) facility achieved the start of commercial operation in Berkeley County, South Carolina, USA on November 1, 2024. The 52 megawatt** (MW) Bushy Park CT #1, powered by a GE Vernova LM6000VELOX* package solution including an LM6000* gas turbine and generator, marked the first LM6000VELOX package plant solution in operation globally.

GE Vernova introduced the LM6000VELOX package in 2023 aiming to reduce the installation and commissioning schedule of LM6000 aeroderivative gas turbines by up to 40%, thereby reducing installation time and costs. The enhancements incorporated in the new package aim to also reduce site construction delays for power generation utilities, EPCs, and other industry stakeholders.

The new LM6000VELOX, along with two other units ordered for Dominion Energy's Parr facility in Fairfield County, South Carolina that are currently under construction, replaced older peaking generation units which help the company meet demands during peak energy usage. In addition to supporting peak usage periods, these fully dispatchable units complement solar generation on days when sunshine is limited or intermittent throughout the day. The Bushy Park and future Parr units incorporate an array of operational flexibility capabilities including dual-fuel capabilities, fast-starting, synchronous condensing, and black start. GE Vernova's scope of supply included selective catalytic reduction and oxidation catalyst systems, which coupled with dry low exhaust combustion, enable best-in-class air emissions performance without the need for water injection.

"Achieving commercial operation of the Bushy Park project demonstrates our continued commitment to providing safe, reliable, affordable, and increasingly clean energy in the communities we serve," **said Keller Kissam, President of Dominion Energy South Carolina.** "Investments in flexible, efficient units are critical to meet growing loads in one of the fastest growing states in the country and complement the large amounts of intermittent solar on our grid."

"This project marks the first time this solution is in operation globally and we are delighted to celebrate this milestone with Dominion Energy" said **Dave Ross, President and CEO for GE Vernova's Gas Power business in the Americas.** "This aeroderivative solution can provide dispatchable and lower carbon-emitting power compared to older units, and also important black-start capability necessary for restoring power after a blackout."

GE Vernova is a leading supplier to Dominion Energy, which contributes to meeting the electricity needs of approximately 3.6 million customers in Virginia, South Carolina and North Carolina.

With over 40 million operating hours and more than 1,300 units shipped, the LM6000 aeroderivative gas turbine is a leader in the +40 MW space. In addition to the two LM6000VELOX packages currently being installed at Dominion Energy's Parr facility, there are ten LM6000VELOX packages being installed at Tennessee

Valley Authority's Johnsonville Aeroderivative Power Plant in the Middle of Tennessee with an expected start of operation in 2025. Recently, GE Vernova also announced the first LM6000VELOX packaged solution that is expected to start operation on 100 percent hydrogen at Whyalla hydrogen power plant in Australia in 2026.

###

Notes to editors

*Trademark of GE Vernova and/or its affiliates
**Rating is based on baseload with natural gas fuel at ISO conditions

Forward Looking Statements:

This document contains forward-looking statements – that is, statements related to future events that by their nature address matters that are, to different degrees, uncertain. These forward-looking statements often address GE Vernova's expected future business and financial performance and financial condition, and the expected performance of its products, the impact of its services and the results they may generate or produce, and often contain words such as "expect," "anticipate," "intend," "plan," "believe," "seek," "see," "will," "would," "estimate," "forecast," "target," "preliminary," or "range." Forward-looking statements by their nature address matters that are, to different degrees, uncertain, such as statements about planned and potential transactions, investments or projects and their expected results and the impacts of macroeconomic and market conditions and volatility on the Company's business operations, financial results and financial position and on the global supply chain and world economy.

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.

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

Media inquiries

Laura Aresi

GE Vernova | Media Relations Leader, Power
laura.aresi@gevernova.com