GE Vernova expands its utility-scale FLEXINVERTER platform to boost efficiency and global reach

- The new FLEXINVERTER solutions help improve efficiency, reduce costs, and speed up the deployment of battery energy storage (BESS) and solar power projects.

Munich, Germany (May 7, 2025) – GE Vernova Inc. (NYSE: GEV) today announced the launch of two key updates to its utility-scale **FLEX**INVERTER platform:

- The new **FLEX**INVERTER 1.5kV solution featuring advanced silicon carbide (SiC) technology for utility-scale battery energy storage systems (BESS).
- The expansion of its previously launched 2kV **FLEX**INVERTER solution for photovoltaic (PV) plants to International Electrotechnical Commission (IEC) markets, following its initial rollout in the United States.

Both developments represent important steps forward in enhancing energy efficiency, reducing project costs, and supporting the transition to a more sustainable global energy infrastructure.

The IEC markets refer to countries that follow International Electrotechnical Commission (IEC) standards for electrical equipment, including most of Europe, parts of Asia, Africa, and other global regions outside North America.

Advancing Efficiency with new inverter solutions

Built on GE Vernova's proven **FLEX**INVERTER platform, the new 1.5kV SiC solution is designed to deliver greater electrical efficiency, higher power density, and more compact, lightweight inverter designs that optimize installation space. Silicon carbide technology allows inverters to operate at higher voltages and temperatures, helping reduce energy losses, cooling needs, and system size —

ultimately lowering the levelized cost of storage (LCoS) and overall EPC (engineering, procurement, and construction) costs.

At the same time, GE Vernova has expanded its 2kV **FLEX**INVERTER for PV applications to support IEC markets, offering solar developers significant balance of system (BOS) cost savings through reduced cable sizes, lower energy losses, and improved system efficiency.

Global Manufacturing and Expansion

The **FLEX**INVERTER platform was developed at GE Vernova's engineering center in Berlin, Germany, and will be manufactured at facilities in Chennai, India, and Pittsburgh, USA. Earlier this year, GE Vernova announced plans to expand capabilities at the Pittsburgh site, including a new manufacturing line for the **FLEX** INVERTER platform, expected to create more than 270 new jobs. The Chennai facility will also experience continued growth to support global supply chain needs.

"The introduction of the FLEXINVERTER 1.5kV SiC (BESS) and 2kV PV solutions reflect GE Vernova's commitment to advancing technologies that meet the evolving needs of the energy industry," said **Ed Torres, Business Leader, Power Conversion & Storage, GE Vernova**. "Building on our prior success with the 2 kV solar inverter launch, this next step in battery storage technology is expected to deliver improved project economics, higher efficiency, and more sustainable energy solutions. We anticipate initial shipments to begin in the first half of 2026."

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About GE Vernova

GE Vernova Inc. (NYSE: GEV) is a purpose-built global energy company that includes Power, Electrification and Wind 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 85,000 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 **Power Conversion & Storage** business combines advanced energy conversion and storage systems to meet the electrification needs of utilities and industries. With a focus on power stability, energy storage and industrial electrification solutions, Power Conversion & Storage empowers customers by addressing their most complex electrification challenges and accelerating their transition to a sustainable, decarbonized future.

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