# GE Vernova launches 2000 Vdc utility-scale solar inverter with multi-megawatt pilot in North America

- GE Vernova introduces the 6 MVA 2000 Vdc inverter, designed to reduce costs and enhance scalability in utility-scale solar.
- The new inverter will debut in a multi-megawatt solar park in North America as a pilot installation, expected to be operational by Q1 2025.
- GE Vernova is collaborating with Shoals Technologies, and an industry PV module supplier for the multi-megawatt solar park.

**CAMBRIDGE, Mass.** (September 11, 2024) – GE Vernova Inc. (NYSE: GEV) today announced the launch of its new 6 MVA, 2000-volt direct current utility-scale inverter, with a multi-megawatt pilot installation in North America. This initiative is aimed at further reducing solar energy costs and accelerating the transition to renewable energy and decarbonization.

**A History of Innovation in Solar Inverters**

In 2012, GE Vernova was the first to introduce the 1500 Vdc inverter to the market, helping customers reduce the cost of renewable energy through more efficient solar farm layouts. Now, with the 2000 Vdc architecture, the company is once again leading the way by further reducing the levelized cost of energy (LCoE) for solar PV installations. The inverter can boost power output by 30% within the same footprint, reducing costs and improving scalability for solar farms.

“At GE Vernova, we are driving the next generation of utility-scale solar solutions,” said **Ed Torres, Business Leader, GE Vernova Solar & Storage Solutions business**. “Inverters are critical to increasing solar capacity and ensuring efficient energy conversion. Our latest innovations will help solar farms maximize output

and reliability, playing a key role in meeting growing energy demands and advancing renewable energy adoption."

Solar inverters are key components of photovoltaic (PV) plants. The technology converts DC power produced by solar panels to AC power, which is then fed into the main grid. The **FLEX**INVERTER 2000 Vdc (also known as FLEXINVERTER 2 kVdc) is the latest addition to GE Vernova's **FLEX**INVERTER portfolio.

**Collaborating for a Renewable Future**

GE Vernova's **FLEX**INVERTER 2000 Vdc is set to debut in a multi-megawatt solar park as a pilot installation in North America, expected to be operational by Q1 2025. The company is collaborating with Shoals Technologies Group™ and an industry PV module supplier on this project. GE Vernova will provide the 2000 Vdc inverter for the solar park, while Shoals Technologies will supply the electrical balance of system solutions. The other collaborating supplier will provide the PV modules.

"We're thrilled to be part of this collaboration with other solar innovation leaders," said **Jeff Tolnar, President of Shoals Technologies Group**. "We believe this effort moves the market towards an even lower cost of solar deployments which we anticipate will spur adoption and further advance solar as the most economical alternative to fossil fuels."

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**Notes to Editors:**

More details about GE Vernova's **FLEX**INVERTER 2000 Vdc can be found here.

**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 address GE Vernova's expected future business and financial performance, 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 business operations, financial results and financial position and on the global supply chain and world economy.

**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 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. Learn more: GE Vernova and LinkedIn.

GE Vernova’s **Solar & Storage Solutions** business provides technologies in solar energy, battery energy storage, and power plant controls to drive dispatchable and reliable renewable energy solutions and to help with the transition to a cleaner energy future.

**About Shoals Technologies**

Shoals Technologies Group is a leading provider of electrical balance of systems (“EBOS”) solutions for the energy transition market. Since its founding in 1996, the Company has introduced innovative technologies and systems solutions that allow its customers to substantially increase installation efficiency and safety while

improving system performance and reliability. Shoals Technologies Group is a recognized leader in the renewable energy industry. For additional information, please visit: https://www.shoals.com.

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