

Grid Solutions, a GE Vernova business, launches GRiDEA: a new decarbonization Grid Solutions portfolio at CIGRE

- Grid Solutions, a GE Vernova business, introduces the GRiDEA portfolio, which aims to decarbonize power transmission.
- The portfolio features advanced SF₆-free equipment, significantly cutting CO₂ equivalent emissions compared to traditional SF₆ switchgear.
- GRiDEA also focuses on reducing raw material usage, extending equipment lifespan and improving grid efficiency.

Paris, France (Aug 26, 2024) – GE Vernova (NYSE:GEV) today announced the launch of Grid Solutions’ GRiDEA portfolio, a comprehensive suite of innovative solutions aimed at decarbonizing the electrical grid and supporting the transition to a more sustainable energy future. The new portfolio was unveiled at [CIGRE](#) in Paris, the world’s leading power systems event, where GE Vernova is showcasing its advanced electrification technology.

A Decarbonization Milestone

GRiDEA offers grid operators a range of solutions to reduce SF₆ emissions and raw material usage, contributing to the global decarbonization effort.

At the core of the GRiDEA portfolio are high-voltage SF₆-free products, including g³, one of the company’s alternative technologies to SF₆, allowing for a 99% CO₂ equivalent reduction of the gas contribution to global warming compared to traditional SF₆ equipment. Grid Solutions offers a wide range of SF₆-free switchgear up to 420 kV.

In addition, the GRiDEA portfolio has been enhanced with another gaseous SF₆-free technology for live tank circuit breakers, which allows the switchgear to operate in extremely low temperature environments.

A Commitment to Sustainable Practices

GE Vernova is committed to minimizing the environmental impact of its products throughout their entire lifecycle. Grid Solutions’ GRiDEA portfolio will include solutions that:

- Feature less raw materials thanks to the use of recycled materials like copper, aluminum and oil, as well as the replacement of copper wiring with fiber optics.

- Extend equipment lifespan through advanced monitoring systems and control switching devices, along with retrofit and modernization services to enhance long-term sustainability.
- Optimize the design and efficiency of transmission and distribution infrastructure, focusing on smaller, lighter, and more efficient products.

Philippe Piron, CEO of GE Vernova’s Electrification Systems business, emphasized the significance of this launch, saying, “The GRiDEA portfolio is more than just a suite of products; it’s proof of our commitment to driving the energy transition forward. By providing grid operators with solutions that not only reduce emissions but also improve efficiency, we’re enabling a future where electrification and sustainability go hand in hand.”

Eric Chaussin, GE Vernova’s Power Transmission business leader, added: “As the global grid evolves, it’s crucial that we equip our customers with solutions that are both innovative and adaptable. GRiDEA represents our dedication to delivering technology that meets the immediate needs of today while anticipating the challenges of tomorrow. This portfolio is designed to support our customers in their efforts to build a more resilient, low-carbon grid.”

Trusted Innovation for an Electric Future

The electrical grid is undergoing significant transformation, driven by the need to electrify while reducing carbon emissions. GE Vernova understands the importance of this shift and is committed to supporting it through the GRiDEA portfolio. This range of products and solutions is designed not only to meet current needs but also to anticipate future industry and environmental challenges.

With the launch of GRiDEA at CIGRE, GE Vernova is setting a new standard for grid transmission infrastructure, digitalization and sustainability. The portfolio reflects the company’s commitment to innovation and carbon reduction, providing grid operators with the equipment they need to contribute to a more sustainable energy future.

-ENDS-

Notes to Editors:

Complete portfolio of GRiDEA 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 **Grid Solutions** business electrifies the world with advanced grid technologies and systems, enabling power transmission and distribution from the point of generation to point of consumption, and supporting a decarbonized and secured energy transition.

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