GE Vernova powers Africa’s industrialisation with integrated energy solutions

- Delivering a comprehensive portfolio of energy solutions to accelerate Africa's industrialisation and economic growth.
- Showcasing CERius™, an AI-powered decarbonisation software that enables sustainable industry and global competitiveness.
- Providing advanced grid-firming technologies to enable the reliability and stability of the continent’s energy systems.

CAPE TOWN, South Africa (June 17, 2026) – In line with the Africa Energy Forum’s theme, ‘Building Africa’s industrialized Future,’ GE Vernova Inc. (NYSE: GEV) today showcased its comprehensive portfolio of technologies engineered to translate large-scale infrastructure ambitions into operational reality. Success in this new industrial era requires a holistic approach, one that bridges the gap between power generation and industrial application. By integrating sustainable energy generation, advanced electrification systems, and digital decarbonization tools, GE Vernova aims to enable African industries to scale with precision, helping ensure that energy remains a reliable, affordable, and sustainable foundation for the continent’s economic transformation.

At the event, GE Vernova is demonstrating how digital intelligence is accelerating the energy transition. In Tunisia, the state utility STEG identified an opportunity to evaluate GE Vernova’s CERius™, a sophisticated digital platform that integrates artificial intelligence, advanced analytics, and digital twin technology to create a digital framework for emissions management. By moving from hardware-heavy monitoring to a software-driven digital framework, STEG is gaining real-time, auditable emissions data critical for aligning with international standards - including

the EU’s Carbon Border Adjustment Mechanism (CBAM).

Validation at the Sousse B power plant confirmed the effectiveness of this digital approach. Beyond achieving high consistency in emissions monitoring, STEG anticipates that this software-driven shift will reduce related investment and maintenance costs by up to 50%. By enhancing traceability, this initiative supports Tunisia’s ambitious electricity export strategy to Europe, proving that data-driven decarbonization is a powerful catalyst for regional economic growth.

Alongside digital innovation, GE Vernova emphasized that as the continent accelerates its energy transition, the focus should shift from merely adding capacity to confirming grid infrastructure is inherently stable and resilient. To support this, the company released a new whitepaper at the event – *“Spain's 2025 Blackout Experience: Grid Firming Needs for Developing Power Systems with High-Renewable Penetration.”*

The paper’s core recommendation is that future grids must be engineered for resilience, not just energy delivery. To successfully scale renewable energy, African nations are encouraged to prioritize grid stability from the outset, applying lessons learned from the Iberian Peninsula to build power systems that are as reliable as they are sustainable. By integrating flexible, grid-forming technologies - such as aeroderivative gas turbines, synchronous condensers, and advanced power electronic - and by explicitly valuing grid-support services, Africa can leapfrog traditional infrastructure hurdles. This approach enables the development of a more reliable and sustainable power system capable of supporting long-term economic growth. For further strategic guidance on these shifts, GE Vernova’s white paper, *“Ensuring Power System Stability in an Evolving Electrical Grid,”* maps out the essential path for modernizing power systems."

"Building Africa’s industrial future starts with getting the fundamentals right: power that is reliable, sustainable, and ready to scale," said **Joseph Anis, President and CEO of GE Vernova's Gas Power business in Europe, Middle East, and Africa.** "A modern, stable grid is the backbone of this vision. Our goal is to provide a complete toolkit - from the AI that manages decarbonization to the grid

technology that keeps the system stable - and to partner with African leaders to make that future a reality."

Building on over 125 years of collaboration across the continent, GE Vernova continues to support Africa’s energy evolution by delivering comprehensive power generation, transmission, and distribution solutions alongside critical software and community-focused initiatives. Through this deep-rooted presence, the company is actively fostering the technical self-sufficiency required to power the next generation of industrial growth.

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.

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Media inquiries

Winnie Gathage

GE Vernova | Africa Communications Business Partner
winnie.gathage@gevernova.com
+254 (20) 4215197

Laura Aresi

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