GE Vernova Launches GridOS for Distribution, the Industry's First Unified Solution for Grid Orchestration

- Comprehensive software platform enables utilities to operate the distribution grid as one intelligent system, accelerating the transition to ultra-resilient power networks.

- Alabama Power among leading utilities adopting GridOS portfolio to advance grid orchestration and deliver greater reliability amid growing grid complexity.

CAMBRIDGE, Mass. (February 3, 2026) – GE Vernova Inc. (NYSE: GEV) today announced the launch of **GridOS® for Distribution**, a unified software solution that is designed to enable utilities to operate their distribution grids as one intelligent, orchestrated system. GridOS for Distribution represents a significant advancement in grid software technology, helping utilities manage rising energy demand, increasing disruptions, and the accelerating adoption of distributed energy resources (DERs).

Utilities today face growing operational complexity driven by fragmented systems, siloed data, and manual workflows that were not designed for modern grid demands. GridOS for Distribution aims to address these challenges by unifying real-time operations, DER management, network modeling, field execution, and visual intelligence on a more secure, interoperable, AI-ready platform. The result is orchestrated intelligence that enables utilities to see, operate, and optimize the distribution grid as one coordinated system.

Mahesh Sudhakaran, General Manager of GE Vernova's Grid Software business, said: "GridOS for Distribution represents the culmination of more than four decades of collaboration with some of the world's most progressive utilities.

GE Vernova is not just launching new software — we are establishing a new standard for grid orchestration that empowers utilities to move beyond managing complexity, towards orchestrating intelligence across their distribution network. Whether a utility is advancing leading-edge capabilities or building foundational orchestration maturity, GridOS provides a proven, scalable path to operating an intelligent grid."

Setting a New Standard for Grid Orchestration

Built on a governed, federated grid data fabric and powered by the industry's leading advanced distribution management system (ADMS), DER management system (DERMS), and grid planning analytics, GridOS for Distribution transforms how utilities plan for and respond to both day-to-day operations and severe disruptions.

The platform design aims to deliver six core outcomes:

- Situational intelligence
- Real-time operational control
- Resilient disruption management
- Optimized distribution operations
- Coordinated DER management
- Intelligent grid capabilities

Demonstrated Performance in Real-World Operations

Alabama Power, a Southern Company utility serving 1.5 million customers, is among the early adopters of GridOS for Distribution to advance grid orchestration maturity and enhance reliability.

"The energy landscape is evolving faster than ever, and our customers expect reliable power regardless of weather, demand spikes, or grid complexity," said **Melanie Miller, General Manager of Data and Technology**, Alabama Power. "GridOS for Distribution will give us a unified platform to orchestrate the grid as

one coordinated system rather than a collection of disconnected applications. This approach provides a clear maturity path for utilities of all sizes and helps us move toward a truly intelligent, self-healing grid that restores power faster and anticipates issues before they impact customers. In 2025 alone, the platform avoided over 112 million customer minutes of interruption (CMI) for our customers in Alabama."

GridOS for Distribution is designed around real-world outage and storm scenarios and is already proven in live grid operations globally. The solution is designed to enable faster response, more coordinated operations, and quicker recovery from extreme events, delivering measurable improvements across key reliability metrics, including SAIDI, SAIFI, CAIDI, and customer minutes interrupted (CMI).

A Future-Ready Platform That Grows With Utilities

GridOS for Distribution is built on a modern, more interoperable platform designed to evolve alongside utility needs. It supports flexible, phased adoption aligned with utility maturity levels — from Distribution Essentials that establish resilient foundational operations to advanced capabilities such as Disruption Management, Distribution Optimization, and DER Orchestration. These capabilities ultimately culminate in Distribution Intelligence, embedding operator-first AI and predictive analytics directly into grid operations.

With zero-trust cybersecurity built in by design, interoperability across utility-built and third-party systems, and a unified user experience optimized for both routine operations and high-pressure events, GridOS for Distribution reduces modernization risk while enabling long-term innovation.

GridOS for Distribution is also part of a broader interoperability strategy that will also introduce GridOS for Transmission later in the year. GridOS for transmission brings together real-time operations, planning intelligence, and grid analytics into a single software solution, enabling transmission utilities to manage growing complexity and variability with confidence.

GE Vernova is showcasing GridOS for Distribution at **DTECH 2026**, taking place **February 3–5 in San Diego, California**, where attendees can learn how the solution helps utilities operate the distribution grid as one intelligent system. GE Vernova is exhibiting at **booth #3112**.

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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 **Grid Solutions** business electrifies the world with advanced grid technologies and systems, enabling power transmission and distribution across the power grid, and supporting a decarbonized and secured energy transition.

GE Vernova's **Electrification** segment includes Grid Solutions, Power Conversion & Storage — collectively referred to as Electrification Systems — and digital technologies, referred to as Electrification Software. The solutions offered by this segment are essential for the transmission, distribution, conversion, storage, and orchestration of electricity from point of generation to point of consumption.

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