GE Vernova Provides GridOS® Orchestration Software to Help West African Power Pool (WAPP) Facilitate Energy Exchange Among Its Member States

LAGOS, Nigeria, October 24, 2024 – GE Vernova Inc. (NYSE: GEV) today announced that its GridOS® orchestration software is deployed in the newly completed Information and Coordination Centre (ICC) in Abomey-Calavi, Benin for the West African Power Pool (WAPP), a groundbreaking initiative aimed at transforming the region's energy landscape. The recently inaugurated ICC will serve as the centralized command centre for the mainland member countries of the Economic Community of West Africa States (ECOWAS), overseeing the interconnected power grids of 14 nations, namely Benin, Burkina-Faso, Côte d'Ivoire, The Gambia, Ghana, Guinea, Guinea-Bissau, Liberia, Mali, Niger, Nigeria, Senegal, Sierra Leone, and Togo. This milestone marks a significant step towards establishing a unified power market across the region, paving the way for a more reliable, sustainable, and affordable energy infrastructure for West Africa.

According to the International Energy Agency (IEA) Africa Energy Outlook 2022 report[1], Africa's GDP is expected to grow by an average of 4.6% per year between 2022 and 2040. This economic growth is expected to drive up energy demand by 2.8% per year, with electricity consumption expected to double by 2040. By expanding power capacity, enhancing forecasting capabilities, and ensuring a seamless balance between generation and demand across borders, the West Africa Power Pool powered by the ICC is bridging the gap between energy needs and reliable supply.

The ICC is a state-of-the art facility equipped with the latest electric grid management technologies. Elements of GE Vernova's GridOS software portfolio are deployed in the facility to enable more secure, reliable grid orchestration. The software is designed to help utilities achieve the resiliency and flexibility needed for a more sustainable energy grid. The ICC is using several of the portfolio's intelligent grid applications, including:

- Energy Management System (EMS) engineered for dispatching
- Wide Area Monitoring System (WAMS) designed for grid stability
- Advanced Market Management System designed to support the trading of power among ECOWAS countries

The ICC technology platform has also been upgraded with GE Vernova's GridOS forecasting solution to enhance the value of Variable Renewable Energy (VRE) on the electricity market with advanced forecasting and ramping tools. Through this integration, engineers will have near real-time access to data on energy flow across the WAPP interconnected network, enabling them to monitor, analyze, and optimize the distribution of power.

"We are honored to partner with WAPP in their mission to promote and develop power generation and transmission infrastructures, as well as to coordinate power exchange among the ECOWAS member states. Our GridOS portfolio provides the ICC with modern software capabilities to automate grid operations and help increase the energy transaction rate across the region, helping overcome energy challenges in the ECOWAS zone," said Mahesh Sudhakaran, General Manager for GE Vernova's Grid Software business.

GE Vernova has long worked with national electric utilities and regional power pools from the region, helping them adopt best-in-class technologies for grid modernization. In November 2022, the Southern African Power Pool (SAPP) inaugurated a new Coordination Control Center equipped with the latest Energy Management System (EMS) from GE Vernova's Grid Software business. With more projects underway, GE Vernova is proud to be contributing to the energy transition in Africa.

[1]https://www.iea.org/reports/africa-energy-outlook-2022

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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 often address GE Vernova's expected future business and financial performance and financial condition, and the expected performance of its products, the impact of its services and the results they may generate or produce, 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 the Company's 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 more than 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 **Electrification Software** business is focused on delivering the intelligent applications and insights needed to accelerate electrification and decarbonization across the entire energy ecosystem – from how it's created, how it's orchestrated, to how it's consumed. Its **Grid Software** business and GridOS® portfolio is trusted by global utilities to orchestrate a more sustainable energy grid and help deliver reliable and affordable

electricity to their customers.

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