Deployment of BWRX-300 small modular reactor in Poland takes major step forward with design development

WASHINGTON D.C. (February 24, 2026) – GE Vernova Hitachi Nuclear Energy (GVH) and Orlen Synthos Green Energy (OSGE) have signed an agreement to advance the Polish generic design of the BWRX-300 small modular reactor (SMR). The Poland Generic Design Agreement (PGDA) was signed during a ceremony today in Washington D.C. Participants included U.S. Deputy Secretary of Energy James Danly, Poland's Minister of Energy Miłosz Motyka, Government Plenipotentiary for Strategic Energy Infrastructure and Deputy of Minister of Energy Wojciech Wrochna, as well as representatives from GVH, OSGE and SGE.

Following the contract signature, OSGE will invest in the development of a detailed BWRX-300 design that will serve as a reference design for SMR projects in Poland.

"This agreement sends a strong signal that the U.S. commitment to Poland's energy security remains steadfast," **U.S. Deputy Secretary James Danly** said. "The Intergovernmental Agreement with Poland anchors our civil nuclear cooperation and provides a valuable framework to foster public-private partnerships strengthened today."

"Poland has the potential to become a European leader in Small Modular Reactor (SMR) technology," **Polish Minister of Energy Miłosz Motyka** said. "A further decisive step toward that objective has just been taken. To ensure a stable, zero-emission power system and predictable market conditions for industry, we are advancing in parallel both large-scale nuclear power plants and small modular reactor technology. SMRs provide critical baseload support for energy-intensive industries, contribute to price stability for end-users, and represent a powerful growth stimulus for the Polish nuclear supply chain. In the context of steadily increasing electricity demand, the deployment of both technologies is essential."

"This is a decision of strategic importance for Poland's energy transition," **Polish Secretary of State at the Ministry of Energy Wojciech Wrochna** said. "The

generic design constitutes the cornerstone for building a standardized reactor fleet under a repeatable deployment model. Standardization translates into lower unit capital expenditures and enhanced cost competitiveness. It also creates a significant opportunity to strengthen domestic industrial capabilities and to secure meaningful participation of Polish companies in the execution of advanced nuclear technology projects."

"This investment by OSGE is a game-changer for the future of nuclear energy in Poland," said **Jason Cooper, CEO, GVH**. "Advancing the generic design of the BWRX-300 to accelerate its deployment in Poland is another example of what can be achieved with shared vision and investment."

"The agreement concluded today provides for the design of a nuclear power plant in accordance with Polish regulations," said **Rafał Kasprów, CEO of OSGE**. "It will be applicable to the deployment of a fleet of BWRX-300 reactors across multiple locations in Poland. This project approach, which forms a core element of OSGE's strategy, will enable significant cost reductions through design standardization and the development of a robust supply chain. As a result, it will lower the cost of electricity for the Polish power system and, ultimately, for end consumers."

Momentum around the BWRX-300 continues to build globally. The first BWRX-300 is under construction at Ontario Power Generation's Darlington site in Canada, with completion expected by the end of the decade, which will make it the first small modular reactor in the Western world. Key components like the reactor pressure vessel are being manufactured, and site construction is progressing according to plan. The U.S. Nuclear Regulatory Commission has accepted and is reviewing Tennessee Valley Authority's (TVA) application to construct the first BWRX-300 in the U.S. at the utility's Clinch River site in Oak Ridge, Tennessee. These developments, and others, support GVH's progress and leadership in scaling and deploying SMRs commercially to customers around the globe.

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About GE Vernova Hitachi Nuclear Energy

GE Vernova's Nuclear energy business, through its global alliance with Hitachi, is a world-leading provider of nuclear fuel bundles, services, and advanced nuclear reactor designs. Technologies include boiling water reactors and small modular reactors, such as the BWRX-300, which is one of the simplest, yet most innovative boiling water reactor designs. GE Vernova's Nuclear fuel business, Global Nuclear Fuel (GNF), is a world-leading supplier of boiling water reactor fuel and fuel-related engineering services. GNF is a GE Vernova-led joint venture with Hitachi, Ltd. and operates primarily through Global Nuclear Fuel-Americas, LLC in Wilmington, N.C., and Global Nuclear Fuel-Japan Co., Ltd. in Kurihama, Japan. HITACHI is a trademark of Hitachi, Ltd. used under trademark license. GE is a trademark of General Electric Company used under trademark license.

About Orlen Synthos Green Energy

ORLEN Synthos Green Energy (OSGE) was established by ORLEN S.A. and SGE. The company plays a leading role in the deployment of modular nuclear reactors in Poland, aiming to contribute to the effective decarbonisation of the power generation, heating and industrial sectors. OSGE's mission is to build a fleet of BWRX-300 reactors designed by GE Vernova Hitachi Nuclear Energy, which will become an important part of the country's energy mix, providing households and industry with stable zero-carbon electricity. OSGE's project in Poland is part of a broader European fleet deployment led by SGE. For more information, visit X (Twitter) platform @ORLEN_Synthos and LinkedIn.

About SGE

SGE is a European SMR development platform founded in 2018 and based in Warsaw Poland. The company is a co-investor in the standard design for the world's most commercially advanced SMR technology: the BWRX-300, designed by GE Vernova Hitachi Nuclear Energy. The combination of this proven technology with a disruptive business model has allowed SGE to become Europe's leading developer of SMR projects. Currently, SGE is establishing partnerships and projects in more than a half-dozen European countries. Their flagship project is in Poland, where, in cooperation with global energy leader ORLEN, they have begun development at

three separate sites and are on schedule to complete the first unit by 2032.

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, 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 the Company's business operations, financial results and financial position and on the global supply chain and world economy.

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