

GE Vernova's aeroderivative technology to power 150 MW reserve power plant in Tarbert, Ireland

- *Three highly flexible GE Vernova LM6000* Aeroderivative gas turbines will be installed at SSE's Tarbert site*
- *The power output of up to 150 megawatts (MW) produced will not be available to the open electricity marketplace and will only be operated against a specific instruction to support the Irish grid when needed*
- *With this project, GE Vernova's aeroderivative technology is expected to secure more than 1,1 gigawatts (GW) of reserve power in Europe*

Tarbert, Ireland: November 15, 2023— On the heels of a series of orders for temporary power plants, GE Vernova's Gas Power business (NYSE: GE) today announced that it has secured a contract to build temporary generating capacity at SSE's Tarbert site in County Kerry, Ireland. The expected 150 megawatts (MW) of generating capacity, powered by three GE Vernova LM6000PC Sprint aeroderivative gas turbines, marks GE Vernova's third temporary reserve power plant to support the energy demands and the security of supply in Ireland. With this project, GE Vernova is now expected to be providing more than 1.1 gigawatts (GW) of reserve power in Europe.

With the increasing penetration of renewable energy, operational flexibility is key, and GE Vernova aeroderivative turbines are engineered to provide reliable stable power to balance fluctuating renewable resources. For this turnkey project, GE Vernova will not only build but will also provide full operation and maintenance services for the simple cycle power plant.

"I am delighted that GE Vernova continues to support the growing demand for flexible energy solutions around the world," said [Joseph Anis](#), President and CEO, Europe, Middle East, and Africa, for GE Vernova's Gas Power business. "We're proud to work with SSE to support Ireland's power needs, ensuring a seamless energy supply throughout the country. With this project, only in Europe, we are expected to provide more than 1.1 gigawatts (GW) of reserve power".



GE Vernova's recent experience in turnkey reserve power generating solutions in Europe includes [RWE's simple-cycle power plant in Biblis](#), Germany; [SFOE's simple cycle power plant in Birr](#), Switzerland; two further projects in Ireland for power plants at [Shannonbridge](#) and [North Wall](#), Dublin; plus deployment of units to increase the supply of electricity on the Greek island of Kos and in the [Ukraine](#).

GE's LM6000 units that will be installed at the Tarbert Power Station are derived from jet engine technology and will be built in Veresegyház, Hungary. With over 40 million operating hours and more than 1,300 units shipped, the LM6000 gas turbines have more operating experience than any other aeroderivative gas turbine greater than 40 MW. The LM6000 offers greater than 99 % start and operational reliability and over 98 % availability.

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About GE Vernova

GE Vernova is a planned, purpose-built global energy company that includes Power, Wind, and Electrification businesses and is supported by its accelerator businesses of Advanced Research, Consulting Services, and Financial Services. 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 80,000 employees across 100+ countries around the world. GE Vernova's **Gas Power** business engineers advanced, efficient natural gas-powered technologies and services, along with decarbonization solutions that aim to help electrify a lower carbon future.

GE Vernova's mission is embedded in its name - it retains its legacy, "GE," as an enduring and hard-earned badge of quality and ingenuity. "Ver" / "verde" signal Earth's verdant and lush ecosystems. "Nova," from the Latin "novus," nods to a



new, innovative era of lower carbon energy. Supported by the Company Purpose, *The Energy to Change the World*, GE Vernova will help deliver a more affordable, reliable, sustainable, and secure energy future. Learn more: [GE Vernova](#) and [LinkedIn](#).

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