



# News Release

## Rolls-Royce and Triveni Engineering ink MoU for 4MW marine gas turbine generators

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Rolls-Royce Marine North America Inc. and Triveni Engineering and Industries Limited (NSE: TRIVENI) have signed a Memorandum of Understanding (MoU) to explore opportunities to collaborate on programmes for 4MW marine gas turbine generators (GTG) for customers in India. This would include several key areas including design, development and manufacturing of the marine GTGs, as well as comprehensive sales and support activities.

John Shade, EVP for US Business Development and Future Programmes, Rolls-Royce Defence, said:

“Rolls-Royce has a proven track record of powering some of the world’s most advanced naval platforms, including the U.S. Navy’s DDG-51 destroyer. India is a key strategic growth market for Rolls-Royce and we are confident that our industry-leading marine gas turbine generators are an ideal choice to power the Indian Navy’s future fleet.”

For further information, contact:

### Media – Rolls-Royce

Gayathri Sharma  
VP - External Communications (APAC)  
Rolls-Royce  
E: [Gayathri.Sharma@Rolls-Royce.com](mailto:Gayathri.Sharma@Rolls-Royce.com)

Prakhar Gupta  
First Partners  
M: +91 97665 54945  
E: [prakhar.gupta@firstpartners.in](mailto:prakhar.gupta@firstpartners.in)

### Media - Triveni Engineering & Industries Ltd.

Surabhi Chandna  
General Manager – Investor Relations & Value  
Creation  
E: [ir@trivenigroup.com](mailto:ir@trivenigroup.com)

Neha Arora  
Assistant General Manager – Corporate  
Communications  
E: [neha@ho.trivenigroup.com](mailto:neha@ho.trivenigroup.com)

Abhishek Singh, SVP of Business Development and Future Programmes for India and Southeast Asia, Rolls-Royce, added:

“This MoU with Triveni is part of our efforts to bring the combined strengths of our naval marine products and services to the customer here. This is significant, given the potential to establish end-to-end support for our marine gas turbine generator in India, from installation and testing to after-market support. Rolls-Royce has proudly supported India’s defence forces for several decades, and over the years, we have continued to build strategic partnerships in-country to enable the localisation and production of our products.”

Tarun Sawhney, Vice Chairman & Managing Director, Triveni Engineering & Industries Ltd. (Triveni) said:

“We are excited with this technology collaboration with Rolls-Royce for indigenously manufacturing their cutting-edge proven marine gas turbine generators in India. Such a partnership can not only help us bring advanced technology to power India’s naval defence requirements, but also help enhance the capability of indigenous naval defence ecosystem in the country.

Building on five decades of expertise and experience in rotary engineering and engineered solutions, and riding on India’s indigenisation journey, our Defence business has emerged as a preferred supplier to the Indian Navy and Indian Coast Guard with



superior technologies and capabilities. Our expertise lends the versatility needed to take on the development of a range of engineered equipment and systems for different applications. We are also setting up a new multi-modal Defence facility with large-scale infrastructure for manufacture, integration and testing of various naval marine equipment.”

With over 80 years of experience in naval markets, Rolls-Royce is a leading provider of power and propulsion solutions on major global programmes. Since the birth of the Allison 501-K17 in 1972, Rolls-Royce has led the marine gas turbine generator market. This is a trend that has continued right through to today. More than 350 Rolls-Royce gas turbine generators are in active operation with navies around the world, including the British Royal Navy, Republic of Korea Navy, Japanese Maritime Self-Defence Force and the U.S. Navy. Over 280 of these are in operation with the U.S. Navy alone.

The U.S. Navy’s DDG-51-class, the longest production program for surface warships in the history of the U.S. Navy, has received over 200 Rolls-Royce AG9140 generator sets (three sets per ship, each delivering 3MW of power). The AG9140s are powered by the 501-K34 engine, an upgrade of the original 501-K17 model delivered to the Spruance-class. As the DDG-51 program has evolved and the demand for more electrical power has intensified, Rolls-Royce has responded by developing next generation capability such as the AG9160 generator set developed to deliver even greater controls, reliability and packaging enhancements. Each AG9160 will deliver 4MW at 4160V, 60Hz of electrical power – a 33 percent increase on its predecessor, the AG9140.

In India, Rolls-Royce is well-positioned with a strong ecosystem for aerospace and defence, and its *mtu* engines power several vessels of the Indian Navy and Coast Guard.

Triveni is a prominent player in India’s high-speed gears market with proven capabilities in manufacturing energy-efficient, high-power and high-speed products and solutions for defence. With installations spanning over 80 countries and a strong global potential, the business also has an enhanced focus on international growth. Triveni’s Defence business riding on India’s indigenisation journey has emerged as a preferred supplier to the Indian Navy and Indian Coast Guard with contemporary technologies and capabilities. The Company continues to invest in capacity and manpower, R&D and technologies to capitalise on the growing Indian economy and industrialisation opportunities, while also leveraging its solid foundations to power global growth aspirations.



### About Rolls-Royce Holdings plc

Rolls-Royce develops and delivers complex power and propulsion solutions for safety-critical applications in the air, at sea and on land. Our products and service packages enable our customers to connect people, societies, cultures and economies together; they meet the growing need for power generation across multiple industries; and enable governments to equip their armed forces with the power to protect.

Rolls-Royce has a presence in 48 countries and customers in more than 150, comprising over 250 commercial large aero engine customers, 160 armed forces and navies and approximately 40,000 active Power Systems customers. We are committed to becoming a net zero company by 2050 and we support our customers to do the same.

Annual underlying revenue was £15.4bn in 2023, underlying operating profit was £1.6bn and free cash flow £1.3bn. Rolls-Royce Holdings plc is publicly traded company (LSE: RR., ADR: RYCEY, LEI: 213800EC7997ZBLZJH69)

[www.rolls-royce.com](http://www.rolls-royce.com)

### About Triveni Engineering and Industries Ltd.

Triveni Engineering & Industries Limited (TEIL) is a diversified industrial conglomerate having core competencies in the areas of sugar and engineering.

In engineering, the Company's Power Transmission business has 2 different business segments – Gears & Defence. The Company is one of leading market players in the engineered-to-order turbo gearbox industry in India. It delivers robust and reliable gear solutions which cover a range of applications and industries to meet the ever-changing operating conditions and customers' requirements. The Company has become a major supplier to all major OEMs in the country, offering solutions to all industrial segments including Oil and Gas as per AGMA, API-613 and API-677 standards. It is amongst the market leaders in high-speed Gears and Gearboxes up to 70 MW capacity and speed of 70,000 rpm. The major product portfolio includes steam turbines, gas turbines and compressor gearboxes under the High-Power High-Speed segment. In the Low-Speed segment, the Company focuses on the gearboxes used in applications such as reciprocating pumps and compressors, hydel turbines, mill and extruder drives for metal, sugar, rubber and plastic industries, marine applications, etc. Its robust and reliable products are backed by 360-degree service solutions which minimise the downtime for its customers. The Company provides health monitoring services for all types of critical gearboxes, high-speed and low-speed, as well as maintains an inventory of dimension ready sites for immediate solution. In the Defence business, Triveni is currently executing & participating in various projects as propulsion gearboxes, propulsion shafting and gas turbine generators besides working on expanding to other marine products.

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