भारत हेवी इलेक्ट्रिकल्स लिमिटेड
Bharat Heavy Electricals Limited
(भारत सरकार का उपक्रम / A Government of India Undertaking)
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To

1. BSE Limited, Mumbai
2. National Stock Exchange of India Ltd., Mumbai

Subject: Press Release being issued by BHEL

Sir/Madam,

Bharat Heavy Electricals Limited (BHEL) is issuing a Press Release titled 'BHEL commences supply of Semi-High-Speed Underslung Traction Converters for Vande Bharat Sleeper Train Project'.

The Press Release being issued is enclosed at Annexure I

SAYED SALAHUDDIN

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(Sayed Salahuddin)

Manager, Corporate Communication, BHEL

Annexure I

BHEL commences supply of Semi-High-Speed Underslung Traction Converters for Vande Bharat Sleeper Train Project

Bengaluru, January 8: Bharat Heavy Electricals Limited (BHEL) has achieved a major milestone in its 'Make in India' initiatives for the rail transportation sector by commencing supply of underslung traction converters for the prestigious Vande Bharat Sleeper Train project being executed by BHEL-led consortium with TRSL.

To this effect, a flag-off ceremony was held today at BHEL's Bengaluru plant. Ms. Bani Varma, Director (IS&P), BHEL, in the presence of other senior officials, flagged off the first set of semi-high-speed underslung traction converters, specifically designed for the Vande Bharat Sleeper Trains. Shri S M Ramanathan, Director (E, R&D), BHEL, and Shri Umesh Chowdhary, Vice Chairman & Managing Director, TRSL, attended the ceremony virtually.

Significantly, this marks BHEL's strategic entry into the semi-high-speed propulsion segment. The traction converters are being despatched to Kolkata for final assembly of the Vande Bharat Sleeper Trains. In addition, other major propulsion equipment such as traction motors and transformers for these trains have been developed and manufactured by its Bhopal and Jhansi units.

Equipped with state-of-the-art IGBT-based traction converters, the underslung design places the propulsion equipment beneath the train car, freeing up significant onboard space for passenger amenities and increasing the overall payload capacity of the train.

Key highlights of the propulsion system include operational speed of up to 160 kmph with design speed of 176 kmph, and high-efficiency power conversion utilizing advanced thermal management to ensure reliability during long-distance overnight journeys.

The country's leading manufacturing enterprise in the energy and infrastructure sectors, BHEL delivers best-in-class indigenous solutions in power, transmission, transportation, defence and industry. By successfully indigenizing complex technologies for locomotives and distributed power trains, BHEL continues to lead India's journey towards self-reliance in the transportation and rolling stock sectors.