

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



Jhansi, January 15: Bharat Heavy Electricals Limited (BHEL) has achieved yet another significant milestone in its 'Make in India' initiatives for the rail transportation sector by commencing supply of underslung traction transformers 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 at BHEL's Jhansi plant. Ms. Bani Varma, Director (IS&P), BHEL, and Shri S. M. Ramanathan, Director (E, R&D), BHEL, flagged off the first set of semi-high-speed underslung traction transformers virtually. Earlier Traction Converters for the same project were flagged off from BHEL's Bengaluru plant.

This development further strengthens BHEL's strategic entry into the semi-high-speed propulsion segment, with operational speed of up to 160 kmph and design speed of 180 kmph. The Traction Transformers are being despatched to Kolkata for final assembly of the Vande Bharat Sleeper Trains. In addition, another key propulsion system equipment, the Traction Motor, has been developed and manufactured by BHEL's Bhopal unit.

Also, BHEL-Jhansi, building on its strong legacy in rolling stock and railway equipment, has achieved a significant milestone having recently received an order for Rail Borne Maintenance Vehicles (RBMV). The project for such track machines is a part of the specialized rolling stock segment of the railway infrastructure domain, reflecting the plant's expanding role beyond conventional rolling stock applications. The order aligns with the GOI initiatives such as 'Make in India' and 'Aatmanirbhar Bharat', as the RBMVs will be manufactured domestically, contributing to indigenisation and self-reliance in railway track maintenance technologies. RBMVs are specialized railway vehicles used for construction, inspection, repair, and upkeep of railway tracks. They ensure track safety, ride comfort, and longer asset life by reducing manual labour and increasing precision. The vehicles will be designed and manufactured at BHEL's Jhansi Plant.

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 segments. 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.
