

GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS

RAJYA SABHA
UNSTARRED QUESTION NO. 2203
ANSWERED ON 13.12.2024

OHE SYSTEM FOR HI-SPEED RAILWAY NETWORK

2203 SHRI NARAYANA KORAGAPPA:

Will the Minister of RAILWAYS be pleased to state:

- (a) whether it is a fact that 2x25 KV Over Head Equipment (OHE) apparatus will improve capacity, efficiency, reliability, voltage stability, facilitate operations for high-speed trains and speedy movement of heavy freight in Indian railways network;
- (b) if so, the details thereof;
- (c) the detail on Existing 2x25kV OHE apparatus in South Western Railway Zone (SWRZ) network; and
- (d) detailed roadmap for seamless transition to 2x25kV OHE network, division-wise, zone-wise?

ANSWER

MINISTER OF RAILWAYS, INFORMATION & BROADCASTING AND
ELECTRONICS & INFORMATION TECHNOLOGY

(SHRI ASHWINI VAISHNAW)

(a) to (d) 2x25 kV Electric traction system improves hauling capacity, reliability, voltage stability, and facilitates operations of high-speed and heavy haul freight trains. This system is presently being deployed on Golden quadrilateral, its diagonals and freight intensive routes of Indian Railways.

The sanction of 2x25 kV works is an ongoing process and so far about 14,000 Route km of works have been sanctioned. 2x25 kV upgradation of Jolarpettai-Bengaluru-Dharmavaram section over the South Western Railway Zone Network as a part of Chennai-Bengaluru-Secunderabad route is underway.
