

**GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA**

UNSTARRED QUESTION NO:1549
ANSWERED ON:11.12.2003
HIGH POWER LOCOMOTIVES
YEMPARALA VENKATESWARA RAO

Will the Minister of RAILWAYS be pleased to state:

- (a) whether Railways has developed a higher acceleration locomotive indigenously which would reduce the journey time;
- (b) if so, the special features and qualities of the locomotive;
- (c) whether the production of the engines has been started;
- (d) if so, the details thereof; and
- (e) if not, the time by which the production of said engines are likely to be started?

Answer

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI BASANAGOUDA R. PATIL)

- (a) Yes, Sir. Indian Railways have indigenously manufactured higher acceleration new generation diesel and electric locomotives through transfer of technology.
- (b) Special features of these locomotives include 3 phase AC/AC system, microprocessor control with self diagnostic features, crew friendly vigilance control device, regenerative braking (electric locos)/extended dynamic brakes (diesel locos) and other safety and performance enhancing features.
- (c) & (d): Yes, Sir. Production of these locos has commenced indigenously in Railway Production Units (electric locos in Chittranjan Locomotive Works, Chittranjan and diesel locos in Diesel Locomotive Works, Varanasi). So far 57 electric locos and 34 diesel locos have been manufactured.
- (e) Does not arise.