

**GOVERNMENT OF INDIA
URBAN DEVELOPMENT
LOK SABHA**

UNSTARRED QUESTION NO:6254
ANSWERED ON:15.05.2012
METRO RAIL
Reddy Shri K. Jayasurya Prakash

Will the Minister of URBAN DEVELOPMENT be pleased to state:

- (a) whether the Delhi Metro Rail Corporation plans to reduce human dependence in operation and maintenance of Metro Rail;
- (b) if so, the details thereof; and
- (c) the steps taken by the Government thereon so far?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF URBAN DEVELOPMENT (SHRI SAUGATA ROY)

(a): Yes, Madam.

(b): Delhi Metro Rail Corporation Ltd. (DMRC) has informed that the following steps have been taken to reduce human dependence in Operation of Metro Rail:-

- (i) Automatic Train Operation (ATO) mode in running of metro trains has been implemented on Line-2 and now being implemented on Line-5 & Line-6 of Delhi Metro.
- (ii) Automatic Ticket Vending Machines have been installed at seven metro stations and 158 more are planned for instalment in due course.
- (iii) DMRC has planned to install Platform Screen Doors (PSD) at six key metro stations to do away the requirement of Customer Facilitation Agents at the platforms.
- (iv) Following activities related to Permanent Way are being done by mechanical means:
 - (a) Tightening of fittings and fastenings.
 - (b) cutting of rails and greasing of sharp radius curves with electronic means to avoid excessive wear (only at selected locations).
 - (v) Mechanization has been done for housekeeping and cleaning works through automated scrubbers for floor and escalators, high jet pressure cleaner, wet and dry vacuum cleaners to reduce human dependency.

(c): It is for the DMRC to take appropriate steps.