

**GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS**

**LOK SABHA  
UNSTARRED QUESTION NO. 1405  
TO BE ANSWERED ON 27.11.2019**

**MODERNISATION OF RAILWAYS**

**1405. SHRIMATI S. JOTHIMANI:**

**SHRI CHANDRA PRAKASH CHOUDHARY:**

**Will the Minister of RAILWAYS be pleased to state:**

**(a) the details of funds required for the modernisation of Railways, laying new railway lines, doubling of railway lines, electrification and railway protection, State/ UT-wise including Jharkhand;**

**(b) the time and manner by which the said fund is likely to be mobilised;**

**(c) whether the Railways proposes to implement the said programmes on Public Private Partnership mode;**

**(d) if so, the details thereof;**

**(e) the State-wise details of railway stations that are proposed to be upgraded;**

**(f) the steps being taken to utilize environment-friendly technologies such as solar power or bio-toilets; and**

**(g) the measures being taken to reduce the losses in the Railways?**

**ANSWER**

**MINISTER OF RAILWAYS AND COMMERCE & INDUSTRY**

**(SHRI PIYUSH GOYAL)**

**(a) to (g): A Statement is laid on the Table of the House.**

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**STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (g) OF UNSTARRED QUESTION NO. 1405 BY SHRIMATI S. JOTHIMANI AND SHRI CHANDRA PRAKASH CHOUDHARY TO BE ANSWERED IN LOK SABHA ON 27.11.2019 REGARDING MODERNISATION OF RAILWAYS.**

**(a) and (b): In the Union Budget 2019-20, it was estimated that an investment of ₹ 50 lakh crores would be needed for railway infrastructure between 2018-2030. Railway projects are not conceived/executed on State/Union Territory basis.**

**(c) and (d): Investment in Railways is mobilised from a mix of sources including budgetary and extra budgetary resources through institutional finance and Public Private Partnership (PPP). A part of investment in the area of completion of tracks, rolling stock manufacturing and delivery of passenger/freight services is envisaged through PPP.**

**(e): Around 1250 stations have been identified for upgradation under Adarsh Railway Station Development Scheme across all the states including 30 stations in State of Jharkhand.**

**(f): Steps taken to utilize various environmental friendly technologies include:**

- (i) Use of Renewable Energy i.e. Solar Power and Wind Power – At present Indian Railways (IR) utilizes about 202 megawatt (MW) of renewable power.**
- (ii) Provision of energy efficient Light Emitting Diode (LED) lighting - 100% railway stations, service buildings and about 89% of residential quarters have been provided with LED lights.**
- (iii) Provision of Bio-toilets in coaches- Nearly 2,30,000 Bio-toilets have been installed in 64,000 passenger coaches.**
- (iv) Blending Bio-Diesel with High Speed Diesel (HSD) – Blending of 5% Bio-Diesel in HSD for diesel locomotive was started in June, 2015**

**(g): Some of the steps taken to reduce losses in Railways include :**

- (i) Operational efficiencies through running longer and heavier trains.**
- (ii) Formulation of policies for non-fare revenue generation.**
- (iii) Monetization of surplus land through Rail Land Development Authority (RLDA).**

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