

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO. 2151
TO BE ANSWERED ON 15.03.2017**

ELECTRIFICATION OF RAIL LINE

† 2151. SHRI DEVJI M. PATEL:

Will the Minister of RAILWAYS be pleased to state:

- (a) whether the Railways is considering to improve the environment, reduce carbon emission and accelerate the pace of electrification and if so, the details thereof and the total number of railway lines electrified in the country including Rajasthan so far;**
- (b) the reasons for delay being caused in electrification of Rewari to Jaipur-Palanpur railway line;**
- (c) the total budgetary allocation made for electrification of this line;**
- (d) whether any time limit has been fixed for completing the work of electrification of this railway line; and**
- (e) if so, the details thereof and if not, the reasons therefor?**

ANSWER

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS

(SHRI RAJEN GOHAIN)

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF UNSTARRED QUESTION NO. 2151 BY SHRI DEVJI M. PATEL TO BE ANSWERED IN LOK SABHA ON 15.03.2017 REGARDING ELECTRIFICATION OF RAIL LINE

(a): Yes, Madam. Indian Railways have already embarked upon a major programme to speed up electrification of Railway Lines as can be seen from the targets and achievements of 10th, 11th and 12th Five Year Plans (FYP) under Plan Head 'Railway Electrification'.

Plan	Target in Route Kilometres (RKM)	Achievement in Route Kilometres (RKM)
10th	1800	1810
11th	4500	4556
12th	6500	5772 RKM electrified during 2012-16 against the proportionate target of 5200 RKM

Further, Indian Railways have prepared an Action Plan to electrify 24400 route kilometers in five years (2016-17 to 2020-21).

During 2014-17 period, total number of 93 railway electrification projects consisting 16815 route kilometer at an estimated cost of ₹ 17165 crore have been included in Railway Budget and pace of electrification has been increased from present average of 1300 RKM/annum to 2000 RKM/annum.

Indian Railways have taken following key steps to reduce its carbon foot print:

- (i) Energy efficiency improvement on electric traction by introducing 3-phase electric locos and 3-phase EMUs for sub-urban trains.**
- (ii) Improvement in fuel efficiency in Diesel Traction.**
- (iii) Use of renewable sources of energy such as solar power and wind energy.**
- (iv) Energy conservation measures in electrical energy for non traction purpose.**

As on 01.04.2016, 27999 route kilometers have been electrified on Indian Railways which includes 867 route kilometers of Rajasthan.

(b) to (e): Rewari-Jaipur-Palanpur railway line is part of Delhi Sarai Rohilla-Rewari-Palanpur-Ahmedabad including Kalol-Gandhinagar-Khodiya and Alwar-Bandikul-Jaipur-Phulera Railway Electrification project to which ₹ 450.01 crore has been allocated during 2016-17. There is no delay in electrification of Rewari-Jaipur-Palanpur railway line as depending upon the overall availability of resources, the targets for commissioning of Railway Electrification projects are fixed on yearly basis.
