

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO. 2384
TO BE ANSWERED ON 01.08.2018**

REPLACEMENT OF DIESEL ENGINES BY ELECTRIC ENGINES

**†2384. DR. KARAN SINGH YADAV:
SHRI LALLU SINGH:**

Will the Minister of RAILWAYS be pleased to state:

- (a) whether the government has formulated any policy to replace diesel engines with electric engines on the railway tracks which have been electrified and if so, the details thereof;**
- (b) the total number of diesel and electric engines operating in the country, zone-wise;**
- (c) the details of the expenditure incurred on the operation of diesel run trains and electric run trains;**
- (d) whether in view of the less expenditure incurred and less time consumed in the operation of electric run trains, the Government proposes to take any measures to gain more powers from the Railway Security Commissions to run electric engine trains in place of diesel engine trains on all electrified rail routes; and**
- (e) if so, the details thereof?**

ANSWER

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS

(SHRI RAJEN GOHAIN)

- (a) Indian Railway is planning to convert existing fleet of Diesel Locomotives into Electric Locomotives in a phased manner. Work related**

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to conversion of 100 HHP Diesel Locomotives and 100 ALCO Diesel locomotives has been sanctioned under Pink Book 2018-19. Further, trains are taken over on electric traction on commissioning of electrified routes. In order to cater to the requirement of electric locomotives commensurate with large scale electrification and commissioning of electrified routes, the production/acquisition target of electric engines has been increased to 603 in 2018-19 and 725 in the years 2019-20 to 2021-22.

(b) Zone-wise diesel and electric engines in service in the country are as under:

S. No.	Railway	Total Number of Locos	
		Diesel	Electric
1.	Central	328	650
2.	Eastern	330	276
3.	East Central	339	445
4.	East Coast	307	457
5.	Northern	547	433
6.	North Central	132	397
7.	North Eastern	269	33
8.	Northeast Frontier	390	-
9.	North Western	298	-
10.	Southern	307	472
11.	South Central	580	643
12.	South Eastern	298	692
13.	South East Central	184	253
14.	South Western	377	-
15.	Western	426	409
16.	West Central	414	644
	TOTAL	5526	5804

(c) The details of the expenditure incurred on the operation of diesel run trains and electric run trains is as follows:

₹ in Crores

		Revised Estimate 2017-18	Budget Estimate 2018-19
Diesel Locos	1. Fuel Bill	17614	17700
	2. Repair and Maintenance cost of Locos	3482	3667
	TOTAL	21096	21367
Electric Locos	1. Electric Bill	10116	10500
	2. Repair and Maintenance cost of Locos	2019	2208
	TOTAL	12135	12708

(d) There is no need for any such proposal.

(e) Does not arise.
