

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO. 831
TO BE ANSWERED ON 20.12.2017**

DIESEL LOCOMOTIVES

831. SHRI RAJIV PRATAP RUDY:

Will the Minister of RAILWAYS be pleased to state:

- (a) the details of the total number of diesel and electric engines in operation in the country as on date, zone-wise;**
- (b) the details of the number of new diesel engines required in the next ten years and the diesel engines that needs to be replaced/repared along with the estimated expenditure therefor;**
- (c) the details of the diesel locomotive manufacturing hubs in the country along with the diesel engines manufactured till date by these manufacturing hubs and the expenditure incurred; and**
- (d) the details of the Marhowra (Saran, Bihar) diesel locomotive manufacturing factory project along with the progress made so far and the expenditure incurred over the years and future estimated expenditure?**

ANSWER

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS

(SHRI RAJEN GOHAIN)

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 831 BY SHRI RAJIV PRATAP RUDY TO BE ANSWERED IN LOK SABHA ON 20.12.2017 REGARDING DIESEL LOCOMOTIVES.

(a) Zone-wise details of total number of diesel and electric engines in operation in the country as on date are as under:

S. No.	Railway Zones	Diesel Engines			Electric Engines Broad Gauge (BG)
		Broad Gauge (BG)	Metre Gauge (MG)	Narrow Gauge (NG)	
1	Central	370	0	16	621
2	Eastern	397	0	04	274
3	East Central	356	02	0	417
4	East Coast	297	0	0	423
5	Northern	582	0	37	427
6	North Central	144	0	18	392
7	North Eastern	273	31	0	33
8	Northeast Frontier	415	0	6	0
9	North Western	287	20	0	0
10	Southern	351	05	0	459
11	South Central	582	0	0	606
12	South Eastern	339	0	0	686
13	South East Central	187	0	29	254
14	South Western	365	0	0	0
15	Western	497	38	26	402
16	West Central	426	0	0	596
	GRAND TOTAL	5868	96	136	5590

(b) It is expected that Indian Railways will procure 1107 BG and 25 NG diesel engines in the next ten years. The approximate expenditure for this would come to ₹ 12232.35 crores for BG engines and ₹ 75 crores for NG engines.

Number of diesel engines that needs to be replaced in the next ten years would be 696 approximately. Repairs/maintenance of locomotives are carried out as per prescribed maintenance schedules. Approximate expenditure on maintenance of diesel engines for the year 2017-18 comes to ₹ 55.12 lakhs per loco per annum.

- (c) The details of manufacturing hubs in the country, the details of diesel engines manufactured till date and the expenditure incurred are as under:**

S. No.	Name of manufacturing hubs	Diesel Engines manufactured till date	Expenditure incurred in manufacture
1	Diesel Locomotive Works (DLW), Varanasi	7330 Nos.	₹ 4012247.75 lakhs
2	Diesel Loco Modernization Works (DMW), Patiala	291 Nos.	₹ 178133 lakhs
3	Parel Workshop, Parel	23 Nos.	₹ 6685 lakhs

The approximate expenditure of manufacturing of one HHP engine is ₹ 11.05 crores.

- (d) The details of the Marhowra (Saran, Bihar) diesel locomotive manufacturing Project are as under:**

- (i) The Diesel Locomotive Project at Marhowra, Saran District, Bihar was sanctioned in December 2006. Letter of Award was issued to M/s General Electricals (GE) Global Sourcing India Private Limited on 09.11.2015. Assured off-take agreement was signed on 30.11.2015 and Share holders agreement signed on 12.03.2016**

- (ii) A Company, M/s GE Diesel Locomotive Pvt. Ltd. was set up on 16.09.2015 . It has an equity participation of 26% limited to ₹ 100 crore, from Indian Railways. The Company is to supply 1000 high horsepower diesel locomotives (700 numbers of 4500 horsepower and 300 numbers of 6000 horsepower) to Indian Railways beginning from February 2018, over 11 years. The project also envisages maintenance of first 500 locomotives.**
- (iii) The Company is setting up a factory for manufacturing of Diesel Locomotive at Marhowra. The Company will also set up two maintenance depots at Roza and Gandhidham. The work of setting up the factory at Marhowra is progressing on schedule.**
- (iv) The first locomotive under the project has already arrived in India and is undergoing testing before it is handed over to Indian Railways.**
- (v) The expenditure incurred by Indian Railways till date on the Marhowra diesel locomotive factory project is ₹ 127.4 crore. The future estimated expenditure on the Marhowra Diesel Locomotive Factory project is expected to be about ₹ 70 crore.**
- (vi) Additionally, since the project is under Public Private Partnership Mode, Indian Railways has infused equity of ₹ 100 crore in the project.**