

**GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA**

STARRED QUESTION NO:191
ANSWERED ON:22.08.2013
EXPENDITURE ON POWER AND FUEL
J Helen Davidson;Shekhar Shri Neeraj

Will the Minister of RAILWAYS be pleased to state:

- (a) the details of the expenditure incurred by the Railways on electricity and diesel during the last three years and the current year, separately;
- (b) whether the Railways propose to set up captive nuclear power plants in the country in co-operation with the Nuclear Power Corporation of India Ltd. (NPCIL) and other captive power plants in co-operation with the Power Generation Companies, and if so, the details and the objectives thereof along with the location indentified for the purpose;
- (c) whether the Railways propose to allow private sector to electrify, operate and maintain the railway tracks in the country, and if so, the details and the present status thereof;
- (d) the steps taken/being taken by the Railways to expedite the electrification of remaining railway lines and increase the production of electric locomotives so as to minimize their dependence on diesel; and
- (e) the other steps taken/being taken by the Railways to minimise their expenditure on power and fuel in view of the present financial problems?

Answer

MINISTER OF RAILWAYS (SHRI MALLIKARJUN KHARGE)

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO.191 BY SHRIMATI J. HELEN DAVIDSON & SHRI NEERAJ SHEKHAR TO BE ANSWERED IN LOK SABHA ON 22.08.2013 REGARDING EXPENDITURE ON POWER AND FUEL.

(a): Operating expenses on fuel incurred by the Indian Railways (IR) on electricity and diesel during the last three years and current year are as under:-

Year	Expenditure on Electricity (Rs. in crore)	Expenditure on Diesel (Rs. in crore)
2010-11	6,026	10,557
2011-12	7,236	11,602
2012-13	8,468	13,311
2013-14	9,619	16,848 (Budgetary estimate)

(b): With the objective of minimizing the expenditure on electricity by procuring power at reduced tariff, IR have planned to set up its own captive power plants. While the first coal based captive power plant of 1000 Mega Watt (MW) capacity at Nabinagar in Bihar in Joint Venture (JV) with NTPC Ltd. is under construction, two more captive power plants viz. one 1320 MW capacity coal based power plant at Adra in Purulia District of West Bengal in Joint Venture with NTPC Ltd. and another 700 MW gas based power plant at

Thakurli near Kalyan in Maharashtra have been planned which are at various stages of obtaining fuel linkages. Further, preliminary dialogues have also been held with Nuclear Power Corporation of India Limited (NPCIL) for exploring the possibility of setting up of a nuclear power plant of 1400 MW capacity in Joint Venture with them.

(c): The concept of undertaking railway electrification projects through annuity route with participation of Railway's Public Sector Undertakings viz. Konkan Railway Corporation Ltd. (KRCL), M/s RITES Ltd., M/s IRCON International Ltd. and Rail Vikas Nigam Limited (RVNL) is currently under deliberation stage.

(d): The target of railway electrification during XII plan period has been enhanced to 6500 Route Kms (RKM) against the target of 4500 Route Kms during XI plan period. The production capacities at Chittranjan Locomotives Works (CLW) is being enhanced to produce 275 locomotives per annum. At present part requirement is also being met from electric locomotives being manufactured by Bharat Heavy Electricals Limited (BHEL).

(e): Besides procuring the electricity at lower tariff through captive power plants, other steps to reduce expenditure on power include deployment of energy efficient electric locomotives and Electric Multiple Units (EMUs) with regenerative braking features, reducing line haul cost by progressive electrification of railway network, adoption of fuel efficient diesel locomotives to reduce Specific Fuel Consumption (SFC) and development of light weight rolling stock.