

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:1582
ANSWERED ON:04.03.2015
NUCLEAR POWER PLANTS
Thakur Shri Anurag Singh

Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) the percentage share of expenditure on nuclear power plants out of the total expenditure on electricity production; and
- (b) the quantum of electricity needs of the country which is likely to be fulfilled/met by the nuclear power plants when all the plants are operational?

Answer

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE
(DR.JITENDRA SINGH):

(a) As per the audited statement of Profit and Loss for the year ended March 31, 2014 the expenses towards the generation of electricity from the nuclear power, in the country, were `6167.93 crore. The expenditure comprises the fuel and heavy water charges, operation and maintenance, employee benefits expenses, finance costs, depreciation and amortization expenses and administration and other expenses. In respect of annual expenditure with regard to other sources of energy, Central Electricity Authority (CEA), Ministry of Power (MoP) has informed that no specific information is available with them. However, the percentage share of expenditure on nuclear power plants vis-a-vis total expenditure on electricity production is in the range of 3 to 3.5%, similar to the percentage share of nuclear power in the total energy produced in the country.

(b) During the period April, 2014 to January, 2015, electricity generation from nuclear generating stations was about 3.4 % of the total electricity generation in the country. Electricity needs of the country is being met from a mix of thermal, hydro, nuclear and renewable sources. Generation capacity addition target during 12th Five Year Plan (2012-17) is 88,537 MW from conventional sources comprising 10,897 MW Hydro, 72,340 MW Thermal and 5,300 MW Nuclear. The installed capacity of Nuclear Power plants at the end January 2015 was 5,780 MW. The installed capacity of Nuclear Power plants at the end of 12th Five Year Plan is likely to be about 10,080 MW.