

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:3447
ANSWERED ON:12.02.2014
SHARE OF NUCLEAR POWER
Tanwar Shri Ashok

Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) whether the percentage share of nuclear power generation in the country vis-a-vis other sources is very low;
- (b) if so, the details thereof, during the last three years, year-wise;
- (c) the expected share of nuclear power in the country by the end of 18th Five Year Plan period; and
- (d) the total investment made in the nuclear power sector in the country in comparison with the other sectors of power generation?

Answer

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (SHRI V. NARAYANASAMY) :

(a)&(b) The share of electricity power generation in the country from the major sources of power in the last three years is as follows:-

| Sources Share in total Electricity Generation | | | |
|---|---------|---------|---------|
| | 2010-11 | 2011-12 | 2012-13 |
| Thermal | 81.98 | 80.83 | 83.40 |
| Hydro | 14.78 | 15.49 | 12.99 |
| Nuclear | 3.24 | 3.68 | 3.60 |

(c) The share of nuclear power in total electricity generation in the country is expected to gradually increase with addition of nuclear capacity. The Integrated Energy Policy of the country envisages reaching a nuclear power capacity of about 63 GW out of total projected installed capacity of about 700 GW by the year 2032 in one of the scenarios.

The share of nuclear power in the country at the end of 18th Five Year Plan (2047) would depend on the then generation from various other sources. A projection by Department of Atomic Energy (strategy for growth of electricity in India) indicates that it would be between 18% and 26%.

(d) Answer to this question will be placed on the Table of the House as soon as the inputs are compiled.