

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO.1923
TO BE ANSWERED ON 06.08.2015

CONTRIBUTION OF ATOMIC ENERGY IN TOTAL ENERGY PRODUCTION

1923. SHRIMATI JAYA BACHCHAN:

Will the PRIME MINISTER be pleased to state:

- (a) whether the contribution of atomic energy in total energy production is very low in India compared to developed countries;
- (b) whether Government plans to substantially increase the contribution of Nuclear Energy in the next decade; and
- (c) if so, details thereof and if not, the reasons therefor ?

ANSWER

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

- (a) The share of nuclear energy in the total electricity generation for 2014-2015 for some of the major countries are as follows:

Country	Nuclear Share (%) of total energy generation
USA	19.5
UK	17.2
Russian Federation	18.6
France	76.9
Korea	30.4
Germany	15.8
China	2.4
India	3.6

Source: PRIS, IAEA

Nuclear power generation in the country began in the year 1969 and over the years, the growth in nuclear power generation has kept pace with the growth of total electricity generation in the country, contributing about 3% of the total generation. A much larger increase in nuclear share could not be achieved because of technology development phase that had to be gone through, in an international technology denial regime.

- (b)&(c) Yes, Sir. The Government had in July 2014, announced a target of tripling the then capacity of 4780 MW in next ten years (by the year 2024). The target is expected to be achieved by progressive completion of ongoing projects and launch of new projects which have been approved.
