

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:616

ANSWERED ON:28.07.2010

CONTRIBUTION OF ATOMIC ENERGY IN GENERATION OF ELECTRICITY

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Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) whether the contribution of atomic energy is very less in the total generation of electricity in the country;
- (b) if so, the reasons therefor and the position of India in generation of atomic energy as compared to the other countries of the world;
- (c) whether the generation capacity of the atomic energy plants is less in the country; and
- (d) if so, the reasons therefor and the steps taken by the Government to increase the generation of atomic energy in the country?

Answer

THE MINISTER OF STATE FOR SCIENCE & TECHNOLOGY AND EARTH SCIENCES (INDEPENDENT CHARGE), PMO, PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS AND PARLIAMENTARY AFFAIRS. (SHRI PRITHVIRAJ CHAVAN):

- (a) The share of nuclear power in the total electricity generation in the country is about 2.6%.
- (b) The lower share of nuclear power is on account of relatively small capacity base of 4,560 MW of the total installed capacity of 1,62,366 MW. The share of nuclear generation in some other countries in the world is: France 75%, Korea 35%, Japan 29%, Germany 26%, USA 20%, Russian Federation 18% and China 2%.
- (c) Yes, Sir.
- (d) The nuclear power capacity of 4560 MW is expected to reach 7280 MW by 2012 and 10080 MW by 2017 with the progressive completion of projects under construction. More projects are also planned in future to increase the nuclear power capacity.