

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:2183

ANSWERED ON:09.03.2011

POWER FROM NUCLEAR ENERGY

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Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) whether a very small part of the total electricity being generated is from nuclear energy;
- (b) if so, the comparative position of India against other countries in the production of electricity through nuclear energy;
- (c) whether the efficiency of the nuclear power plants is low;
- (d) if so, the reasons therefor; and
- (e) the steps taken by the Government in this regard?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS, PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PMO (SHRI V. NARAYANASAMY):

(a) Yes, Sir. In India only 3% of the total electricity generated is from nuclear energy.

(b) Nuclear power generation constitutes about 3% of the total electricity generated in the country. The low share of nuclear power in the country is due to the low capacity base of 4780 MW of the total installed capacity of 170229 MW. The comparative position vis-a-vis some other countries with nuclear power is as follows

Country	Share of Nuclear Generation (%)
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France	75
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Republic of Korea	34
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Japan	29
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USA	20
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Russian Federation	18
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Brazil	3
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(c) No, Sir.

(d) Does not arise.

(e) A large expansion of the nuclear power capacity by setting up reactors based on indigenous technologies and additionally with international cooperation is planned to increase the nuclear share progressively.