

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO.2064**  
TO BE ANSWERED ON 07.03.2018

**SHARE OF ATOMIC ENERGY**

2064. DR. KRISHAN PRATAP:  
SHRI RAVNEET SINGH:

Will the PRIME MINISTER be pleased to state:

- (a) whether the Government has received a proposal to set up Nuclear Power Plant in the State of Punjab and if so, the details thereof;
- (b) whether the Government has undertaken a feasibility study to evaluate the impact of setting up of a nuclear power plant on per unit electricity cost in the State and if so, the details and the outcomes thereof;
- (c) whether the Government has undertaken a study to ascertain the cost benefit analysis of setting up new Nuclear Power Plants in the country and if so, the details thereof;
- (d) the share of atomic energy in total power production of the country;
- (e) whether the Government has prepared any comprehensive scheme to double it; and
- (f) if so, the 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):

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- (a) No, Sir.
- (b) Does not arise in view of (a) above.
- (c) Cost benefit analysis of each nuclear power project is carried out as a part of preparation of the project proposal. A project is accorded administrative approval and financial sanction based *inter alia* on consideration of the cost benefit analysis.
- (d) Share of nuclear power in the total electricity generated in the country in the year 2016-17 was 3.05%.
- (e)&(f) The present installed nuclear capacity of 6780 MW would reach 13480 MW by the year 2024 with the completion of projects under construction (including 500 MW PFBR, being implemented by BHAVINI). In June 2017, the Government accorded administrative approval and financial sanction for 12 more reactors with a total capacity of 9000 MW, which are scheduled to be completed progressively by 2031. Together with the capacity being implemented by BHAVINI, the total nuclear power capacity will reach 22480 MW by the year 2031. With the increase in the nuclear installed capacity base, the share of nuclear power in the country would also increase.

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