

WRITTEN ANSWERS TO UNSTARRED QUESTIONS**Nuclear energy generation**

1281. SHRI MAHESH PODDAR: Will the PRIME MINISTER be pleased to state:

- (a) the amount of energy in GWh generated by the atomic energy sector during the past five years, (April 2015-March 2020);
- (b) the percentage of atomic energy generation in total power generated in the country;
- (c) whether Government intends to increase the percentage share of atomic energy in total power generated in the country;
- (d) if so, in what manner Government proposes to do so; and
- (e) whether Government has any plans to create atomic energy generation facilities in the State of Jharkhand in the near future?

THE MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY (DR. JITENDRA SINGH): (a) The total nuclear power generation including infirm generation during the last five years (April 2015 to March 2020) has been 200078 GWh.

(b) The share of atomic energy generation in the total power generated in the country in the year 2019-20 was about 3.3%.

(c) Yes, Sir.

(d) The percentage of energy from nuclear power is proposed to be increased by augmenting the installed nuclear power capacity. In the short term, the existing nuclear power capacity of 6780 MW is proposed to be increased to 22480 MW by 2031 on progressive completion of projects under construction and accorded sanction.

(e) There is presently no proposal for setting up a nuclear power plant in the state of Jharkhand.

Commissioning of India's first Prototype Fast Breeder Reactor

1282. DR. SASMIT PATRA: Will the PRIME MINISTER be pleased to state:

- (a) by when India's first Prototype Fast Breeder Reactor would be commissioned;
- (b) the reasons for the delay in commissioning of this reactor; and