

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 323
TO BE ANSWERED ON 04.02.2021

INVESTMENT IN THE ATOMIC ENERGY SECTOR

323. DR. BANDA PRAKASH:
DR. FAUZIA KHAN:

Will the PRIME MINISTER be pleased to state:

- (a) the details of the increase in investment in the country in the field of atomic energy during the last five years and the share of nuclear power in total power generation in the country at present;
- (b) whether domestic investment is not sufficient for the generation of atomic energy in the country;
- (c) if so, the details thereof and the reasons therefor;
- (d) whether any scheme has been formulated to promote domestic and Foreign Direct Investment in the atomic energy sector; and
- (e) if so, the details thereof?

ANSWER

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

- (a) There has been a steady increase in the capital expenditure of NPCIL in the last five years. The details are as follows:

Year	2015-16	2016-17	2017-18	2018-19	2019-20
Capital Expenditure (Rs. crore)	5865.68	6560.48	7880.64	11813.00	10041.19

The share of nuclear power in the total electricity generation is about 3.3%

- (b) No, Sir.

- (c) There are presently twenty two (22) reactors with a capacity of 6780 MW in operation and one reactor KAPP-3 (700 MW) has been connected to the grid on January 10, 2021. In addition, eight (8) reactors, with a total capacity of 6000 MW (including PFBR being implemented by BHAVINI) are presently at various stages of construction / commissioning. The Government has also accorded administrative approval and financial sanction for twelve (12) more reactors with an aggregate capacity of 9000 MW in June-2017. The Capital investment for the nuclear power projects is being funded with a debt to equity ratio of 70:30. The equity part is funded from internal resources of NPCIL and Government Budgetary Support.
- (d) No, Sir.
- (e) Does not arise in view of (d) above.
