

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO.4468**  
TO BE ANSWERED ON 30.03.2022

**DOMESTIC INVESTMENT IN ATOMIC ENERGY**

4468. SHRI KRUPAL BALAJI TUMANE:  
SHRIMATI BHAVANA PUNDALIKRAO GAWALI:

Will the PRIME MINISTER be pleased to state:

- (a) whether domestic investment is not sufficient for producing atomic energy in the country;
- (b) if so, the details including the reasons therefor;
- (c) whether any plan has been prepared to promote domestic and Foreign Direct Investment in atomic energy sector;
- (d) if so, the details thereof;
- (e) whether the Government proposes to setup any plant for producing atomic energy in Maharashtra; and
- (f) if so, the details thereof, district-wise?

**ANSWER**

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

(a)&(b) There are presently twenty two (22) reactors with a capacity of 6780 MW in operation and eleven (11) reactors with a total capacity of 8700 MW under construction / commissioning at various stages (including KAPP-3 (700 MW) connected to the grid and PFBR being implemented by BHAVINI). In addition, the Government has accorded administrative approval and financial sanction for ten (10) reactors with an aggregate capacity of 7000 MW. 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. Government of India has amended the Atomic Energy Act, 1962 in 2015 to enable Joint Ventures of Public Sector Enterprises to set up nuclear power projects to boost domestic investment. Joint Ventures

have been formed by NPCIL with public sector majors viz. National Thermal Power Corporation Limited (NTPC) and Indian Oil Corporation Limited (IOCL). As stated above there is a consistent increase in number of operating reactors based on successful methodology adopted.

(c)&(d)The present policy (Consolidated FDI Policy of Government) puts atomic energy in the list of prohibited sectors. However, there is no restriction on FDI in the nuclear industry for manufacturing of equipment and providing other supplies for nuclear power plants and related other facilities.

(e)&(f)The Government has accorded 'In-Principle' approval for setting up six nuclear power reactors of 1650 MW capacity each in cooperation with France at Jaitapur site in Ratanagiri district of Maharashtra.

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