

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 1282
TO BE ANSWERED ON 22.09.2020

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
- (c) in what manner it would help India?

ANSWER

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

- (a) Prototype Fast Breeder Reactor (PFBR) being constructed by Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI) is expected to get commissioned by October 2022.
- (b) Presently there are technical issues which have resulted in delay in commissioning of PFBR. In the last three years, while commissioning activities of the various Systems, Structures & Equipment of PFBR are progressing, a large number of technical challenges as well as design inadequacies (owing to the first-of-a-kind status of the PFBR) are being encountered at each stage, thereby resulting into delay in commissioning. These issues are being attended in close coordination with the designers and the experts within Department of Atomic Energy (DAE).
- (c) On completion of commissioning, PFBR will be adding 500 MW of electrical power to the national grid.
