

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
LOK SABHA
UNSTARRED QUESTION NO-1426
ANSWERED ON 04/12/2024

PROTOTYPE FAST BREEDER REACTOR

1426. SHRI VIJAY BAGHEL
SHRI SHANKAR LALWANI

Will the PRIME MINISTER be pleased to state:-

- (a) the details of capacity of Prototype Fast Breeder Reactor along with the time by when the said reactor is likely to become functional; and
- (b) the role of nuclear energy during the coming decade to meet the challenges of energy security and climate goals?

ANSWER

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

- (a) On completion of the commissioning of Prototype Fast Breeder Reactor (PFBR), the project will generate 500 MW of electricity. PFBR is expected to be operational by end-2025.
- (b) Nuclear power is clean and environmental friendly source of base load power available 24x7. It has huge potential and can provide long term energy security to the country in a sustainable manner. The on-going nuclear capacity expansion programme is aimed at meeting the dual challenges of energy security and transitioning towards net zero by 2070.
