

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO-1121
ANSWERED ON 05/12/2024

INDIGENOUS PROTOTYPE FAST BREEDER REACTOR

1121. DR. PARMAR JASHVANTSINH SALAMSINH
DR. KALPANA SAINI
SHRI MAYANKBHAI JAYDEVBHAI NAYAK
SHRI BABURAM NISHAD

Will the PRIME MINISTER be pleased to state:-

- (a) the capacity and prospective target of Prototype Fast Breeder Reactor (PFBR);
- (b) by when it is expected to be operational; and
- (c) the role of nuclear energy in the next decade to meet the challenges of energy security and climatic goals?

ANSWER

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

- (a) & (b) 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.
- (c) 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.
