

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 481
TO BE ANSWERED ON 17.09.2020

COMMISSIONING OF NUCLEAR POWER REACTORS

481. SHRI SAMBHAJI CHHATRAPATI:

Will the PRIME MINISTER be pleased to state:

- (a) whether Government has set any timeline for commissioning the 700 MW pressurized heavy water reactor at Kakrapar Nuclear Plant in Gujarat;
- (b) if so, the details thereof;
- (c) whether Government has fixed any time schedule for commissioning of other nuclear plants in the country for next five years; and
- (d) if so, the details thereof and also the quantum of additional power that would be generated from the planned nuclear power plants for commercial use?

ANSWER

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

(a)&(b) The first 700 MW Pressurised Heavy Water Reactor at Kakrapar, Gujarat, KAPP-3 has already achieved First Criticality (Controlled self-sustaining nuclear fission chain reaction for the first time) on July 22, 2020. The commissioning and operationalisation of the unit is expected by November 2020. The commissioning and operationalisation of its twin unit, KAPP-4 is expected one year after the first unit.

(c)&(d) In the next five years, five more nuclear power plants, i.e., RAPP 7&8 (2X700 MW) at Rawatbhata, Rajasthan, KKNPP 3&4 (2X1000 MW) at Kudankulam, Tamilnadu being implemented by Nuclear Power Corporation of India Limited (NPCIL) and 500 MW Prototype Fast Breeder Reactor (PFBR) being implemented by Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI) are scheduled to be commissioned and operationalised progressively by 2024, adding 3900 MW of nuclear power capacity.
