

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO-3685**  
ANSWERED ON 03/04/2025

**INDIGENOUS NUCLEAR REACTORS**

3685. SHRI KESRIDEVSINGH JHALA

Will the PRIME MINISTER be pleased to state:-

- (a) the timeline of operationalisation of indigenous nuclear reactors at Kakrapar atomic plant, Gujarat;
- (b) the number of sanctioned indigenous nuclear reactors to be operationalised at Rawatbhata atomic power plant; and
- (c) the timeline of operationalisation of indigenous nuclear reactors at Rawatbhata atomic power plant.

**ANSWER**

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

- (a) Units-3&4 of Kakrapar Atomic Power Station (KAPS-3&4), the first pair of indigenous 700 MW Pressurised Heavy Water Reactors (PHWR) set up at Kakrapar in Gujarat are already operational, having commenced commercial operation on 30.06.2023 and 31.03.2024 respectively.
- (b) Two units of 700 MW indigenous PHWRs were sanctioned to be set up at Rawatbhata in Rajasthan (RAPP-7&8, 2X700 MW)
- (c) One of the units, RAPP-7 has been connected to the grid on 17.03.2025, while RAPP-8 is under advanced stage of commissioning and is expected to be completed in 2025-26.

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