

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 2562**  
TO BE ANSWERED ON 23.03.2023

**Scheme to encourage nuclear energy**

2562 # Shri Narhari Amin:

Will the PRIME MINISTER be pleased to state:

- (a) whether there is any plan to encourage the use of nuclear energy to meet energy needs of the country;
- (b) if so, whether new nuclear power plants are being set up in the country;
- (c) if so, the number of new nuclear power plants approved during the last five years;
- (d) the number of approved nuclear power plants which have been set up or wherein the work of installation has started;
- (e) whether setting up of new nuclear power plant has been contemplated in Gujarat to meet its energy needs; and
- (f) if so, the details thereof?

**ANSWER**

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

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- (a) Yes, Sir.
- (b) Yes, Sir.
- (c) In the last five years, the Government has accorded administrative approval and financial sanction for 12 nuclear power plants with a total capacity of 9000 MW, which comprises of KKNPP – 5 & 6 (2 x 1000 MW) in cooperation with the Russian Federation and 10 Indigenous Pressurised Heavy Water Reactors (PHWR) of 700 MW each in fleet mode.

(d) The construction work at KKNPP 5 & 6 is underway. In respect of PHWRs (fleet mode) pre-project activities and procurement of long delivery equipment are underway.

(e)&(f) KAPP 3&4 (2X700 MW) project has been set up at Kakrapar in Tapi District in the state of Gujarat. While KAPP-3 has been connected to the grid, KAPP-4 is at an advanced stage of commissioning. KAPP 3&4 (2X700 MW) are slated to commence commercial operation in 2023-24.

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