

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO-2083
ANSWERED ON 07/08/2025
PROJECTS UNDER NUCLEAR POWER CORPORATION OF INDIA

2083.DR. DINESH SHARMA

SHRI LAHAR SINGH SIROYA

SHRI SUBHASH BARALA

SHRI MAYANKKUMAR NAYAK

SHRI NARAYANA KORAGAPPA

SMT. MAYA NAROLIYA

SHRI RAMESWAR TELI

SHRI BABURAM NISHAD

Will the PRIME MINISTER be pleased to state:-

- (a) the total number of nuclear power plants operational in the country and their total capacity thereof;
- (b) the details of the projects which are under the various stages of construction;
- (c) the total installed capacity (in MW) which is envisaged to reach after the completion of the above projects?

ANSWER

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

- (a) Presently, the installed nuclear power capacity in the country comprises of 24 reactors with a total capacity of 8780 MW, excluding RAPS-1 (100 MW), which is under long term shut down. Among these 24 reactors 4 nos. of reactors i.e. Tarapur Atomic Power Station Units-1&2 (2 x 160 MW), Madras Atomic Power Station Unit-1 (1x220 MW) and Kaiga Atomic Power Station Unit-1 (1x220 MW) are presently in project mode for carrying out refurbishment & upgradation activities and remaining 20 reactors are operational.
- (b) The details are given below:

State	Location	Project	Capacity (MW)
Projects Under Construction			
Rajasthan	Rawatbhata	RAPP-8	1 X 700
Tamil Nadu	Kudankulam	KKNPP-3&4	2 X 1000
		KKNPP-5&6	2 X 1000
	Kalpakkam	PFBR ^{&}	1 X 500
Haryana	Gorakhpur	GHAVP-1&2	2 X 700
Projects Under Pre-Project Activities			
Karnataka	Kaiga	Kaiga-5&6	2 X 700
Haryana	Gorakhpur	GHAVP- 3&4	2 X 700
Madhya Pradesh	Chutka	Chutka-1&2	2 X 700
Rajasthan	Mahi Banswara	Mahi Banswara-1&2*	2 X 700
		Mahi Banswara-3&4*	2 X 700

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- (c) On progressive completion of the above mentioned projects, the installed nuclear power capacity would reach 22380 MW.
