

PARLIAMENT QUESTION: OPERATIONAL NUCLEAR POWER PLANTS

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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.

The details are given below:

State	Location	Project	Capacity (MW)
Projects Under Construction			
Rajasthan	Rawatbhata	RAPP-8	1X 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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With progressive completion of the projects under implementation, the installed nuclear power capacity is expected to reach 22,380 MW by 2032.

There are four reactors Units-1&2 (2 x 160 MW) and Units-3&4 (2 x 540 MW) at Tarapur, Maharashtra. Presently, Units- 3&4 are operating while Units-1 & 2 (2 x 160 MW) are undergoing refurbishment and upgradation. On completion of these activities Units-1&2, will be restarted in line with regulatory clearance.

The Mahi Banswara Nuclear Power Project with a total capacity of 2800 MW comprises Units 1&2 (2x700 MW) and Units 3&4 (2x700 MW). Land has been acquired, statutory environment clearance from MoEFCC and siting consent from AERB have been obtained. Presently, pre-project activities are in progress at the site.

This information was given by Dr. Jitendra Singh, Union Minister of State (Independent Charge) for Science

and Technology, Earth Sciences, MoS PMO, MoS Personnel, Public Grievances & Pensions, Department of Atomic Energy and Department of Space, in a written reply in the Lok Sabha today.

NKR/PSM

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