

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
LOK SABHA
UNSTARRED QUESTION NO- 2201
ANSWERED ON 12/03/2025

SURVEY FOR SETTING UP NEW NUCLEAR PLANTS

2201. SHRI MAGUNTA SRENIVASULU REDDY

Will the PRIME MINISTER be pleased to state:-

- (a) whether the Government has undertaken any recent survey/study to identify areas/locations for the setting up of nuclear power plants in India;
- (b) if so, the details thereof along with the list of nuclear power plants proposed, under construction and presently functional during the last five years across the country especially in Andhra Pradesh;
- (c) the details of the total amount of funding allocated and utilised for the purpose of maintenance, construction and upgradation of existing as well as upcoming nuclear power projects in the country; and
- (d) the details of the total volume and valuation of equipment and technology regarding nuclear power plants that have been imported during the last five years for construction/upgradation of Indian nuclear power plants?

ANSWER

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

- (a) The process of identification of potential sites for locating future nuclear power plants is an ongoing activity, carried out by the Standing Site Selection Committee (SSSC) of the Department of Atomic Energy.
- (b) The details are given in Annexure.
- (c) The total allocation in the current year 2024-25 (RE) for ongoing & new projects, upgradation of existing operating stations and ancillary schemes is Rs. 20908 crore, out of which, the expenditure in 2024-25 up to January 2025 has been Rs. 13769 crore.
- (d) The total volume of equipment and technology imported during the last five years (2020-21 to 2024-25 up to February) for construction of Kudankulam Nuclear Power Project Units 3 to 6 (KKNPP 3 to 6) and upgradation of KKNPP 1&2 in operation, set up with Russian cooperation is about 2,11,125 FRT valued at about USD 3445 million.

Annexure

Sr. No.	Reactor & Location	Capacity (MW)
Operating Stations		
1	RAPS-1, Rawatbhata, Rajasthan	100 [#]
2	RAPS-2, Rawatbhata, Rajasthan	200
3	TAPS-1, Tarapur, Maharashtra	160
4	TAPS-2, Tarapur, Maharashtra	160
5	MAPS-1, Kalpakkam, Tamil Nadu	220
6	MAPS-2, Kalpakkam, Tamil Nadu	220
7	NAPS-1, Narora, Uttar Pradesh	220
8	NAPS-2, Narora, Uttar Pradesh	220
9	KAPS-1, Kakrapar, Gujarat	220
10	KAPS-2, Kakrapar, Gujarat	220
11	RAPS-3, Rawatbhata, Rajasthan	220
12	RAPS-4, Rawatbhata, Rajasthan	220
13	RAPS-5, Rawatbhata, Rajasthan	220
14	RAPS-6, Rawatbhata, Rajasthan	220
15	KAIGA-1, Kaiga, Karnataka	220
16	KAIGA-2, Kaiga, Karnataka	220
17	KAIGA-3, Kaiga, Karnataka	220
18	KAIGA-4, Kaiga, Karnataka	220
19	TAPS-3, Tarapur, Maharashtra	540
20	TAPS-4, Tarapur, Maharashtra	540
21	KAPS-3, Kakrapar, Gujarat	700
22	KAPS-4, Kakrapar, Gujarat	700
23	KKNPP-1, Kudankulam, Tamil Nadu	1000
24	KKNPP-2, Kudankulam, Tamil Nadu	1000
Projects Under Construction / Commissioning		
25	RAPP-7 ^{##} &8, Rawatbhata, Rajasthan	2 X 700
26	KKNPP-3&4, Kudankulam, Tamil Nadu	2 X 1000
27	KKNPP-5&6, Kudankulam, Tamil Nadu	2 X 1000
28	GHAVP-1&2, Gorakhpur, Haryana	2 X 700
29	Kaiga-5&6, Kaiga, Karnataka	2 X 700
30	PFBR, Kalpakkam, Tamil Nadu	1 X 500

Projects Sanctioned & Under Pre-Project Activities		
31	GHAVP- 3&4, Gorakhpur, Haryana	2 X 700
32	Chutka-1&2, Chutka, Madhya Pradesh	2 X 700
33	Mahi Banswara-1&2*, Banswara, Rajasthan	2 X 700
34	Mahi Banswara-3&4*, Banswara, Rajasthan	2 X 700
Sites Accorded 'In-principle' Approval		
35	Kovavada, Unit-1 to 6, Andhra Pradesh	6 X 1208
36	Jaitapur, Unit-1 to 6, Maharashtra	6 X 1730
37	Mithi Viridi, Unit-1&2, Gujarat	2 X 1000
38	Bhimpur, Unit-1 to 4, Madhya Pradesh	4 X 700
39	Haripur, Unit-1 to 6, West Bengal	6 X 1000

Under extended shutdown

##Unit-7 (700 MW) of RAPP-7&8 achieved first criticality on 19.09.2024

*Assigned to Anushakti Vidyut Nigam Limited (ASHVINI)
