

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 1179
TO BE ANSWERED ON 14.12.2022

Setting up of New Nuclear Power Plants

1179. SHRIMATI POONAM MAHAJAN:
MS. DEBASREE CHAUDHURI:

Will the PRIME MINISTER be pleased to state:

- (a) whether the Government proposes to set up 21 new nuclear power plants in the country;
- (b) if so, the details thereof;
- (c) the details of the stage of completion of these new projects, State-wise;
- (d) whether the energy generated through atomic energy may be used for supplying electricity for domestic and commercial purposes;
- (e) if so, the details thereof;
- (f) whether energy generated through atomic energy will enable the country to reduce dependency on coal and traditional sources of energy; and
- (g) if so, the details thereof?

ANSWER

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

(a) Yes, Sir.

(b)&(c)The details are attached as Annexure.

(d)&(e) The electricity generated by nuclear power plants is not distinct from the electricity generated by other sources. It is fed into the electricity grid, from where it is distributed to various categories of consumers (domestic and commercial) by Discoms.

(f)&(g)Nuclear power can provide the country with clean base load power and reduce dependence on coal and traditional sources of energy in the long run. Nuclear Power would also supplement clean renewable energy.

Annexure

State	Location	Project	Capacity (MW)	Expected Completion	Physical Progress (as of Oct-2022) / Status
Projects Under Construction					
Gujarat	Kakrapar	KAPP-3 ^s & 4	2 X 700	2023	97.12%
Rajasthan	Rawatbhata	RAPP-7&8	2 X 700	2026	88.88%
Tamilnadu	Kudankulam	KKNPP-3&4	2 X 1000	2025	63.57%
		KKNPP-5&6	2 X 1000	2027	12.89%
	Kalpakkam	PFBR	1 x 500	2024	97.64%
Haryana	Gorakhpur	GHAVP-1&2	2 X 700	2029	<i>Casting of foundation piles completed for Nuclear Building-1&2 and testing is underway. Construction of other buildings and structures is underway.</i>
Projects Accorded Administrative Approval & Financial Sanction					
Karnataka	Kaiga	Kaiga-5&6	2 X 700	<i>Progressively by 2031</i>	<i>Pre-project activities at sites and bulk procurement of long manufacturing cycle equipment are underway. Excavation has commenced in Kaiga-5&6.</i>
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		

\$ KAPP-3 (700 MW) has been connected to the grid on January 10, 2021.