

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 1924
TO BE ANSWERED ON 05.08.2021

SETTING UP OF NUCLEAR POWER PLANTS

1924. Shri Rajmani Patel:

Will the PRIME MINISTER be pleased to state:

- (a) whether 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 given as Annexure.

(d)&(e) The electricity generated by nuclear power plants is fed into the grid from where it is distributed to various categories of consumers by the distributing companies.

(f)&(g) Considering the finite nature of coal and other fossil fuels and the huge potential & environmental friendliness of nuclear power, nuclear power along with renewables could reduce dependence on coal in the long term.

Annexure

State	Location	Project	Capacity (MW)	Physical Progress (as of Jun 2021) / Status
Projects under Construction				
Gujarat	Kakrapar	KAPP-3 ^{\$} & 4	2 X 700	96.3%
Rajasthan	Rawatbhata	RAPP-7&8	2 X 700	86.4%
Tamilnadu	Kudankulam	KKNPP-3&4	2 X 1000	51.2%
		KKNPP-5&6	2 X 1000	<i>Construction commenced with the placement of First Pour of Concrete (FPC) on June 29, 2021.</i>
	Kalpakkam	PFBR ^{&}	1 X 500	97.64%
Haryana	Gorakhpur	GHAVP-1&2	2 X 700	<i>Casting of foundation piles in Nuclear Building-1 is completed while it is nearing completion in Nuclear Building-2.</i>
Projects accorded Administrative Approval & Financial Sanction				
Karnataka	Kaiga	Kaiga-5&6	2 X 700	<i>Pre-project activities are in progress</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.

& Implemented by BHAVINI