

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 963
TO BE ANSWERED ON 15.12.2022

Atomic energy production target

963. Smt. Sangeeta Yadav:

Will the PRIME MINISTER be pleased to state:

- (a) the target set for atomic energy production by 2030 looking at the potential of atomic energy in the country;
- (b) the total production of atomic energy as on 31st October, 2022 against the target set;
- (c) the plans of Nuclear Power Corporation of India Limited (NPCIL) and Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI) to reach the target set; and
- (d) timeline set for completion of reactors under construction and the details of progress made in this regard?

ANSWER

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

- (a) The installed capacity is set to reach to 22480 MW by 2031 from the present 6780 MW on progressive completion of nuclear power projects under construction and accorded sanction.
- (b) The installed nuclear power capacity as of October 31, 2022 is 6780 MW.
- (c) NPCIL and BHAVINI envisage progressive capacity addition of 15200 MW and 500 MW respectively by 2031.
- (d) The details are given below:

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%
Tamil Nadu	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	Casting of foundation piles completed for Nuclear Building-1&2 and testing is underway. Construction of other buildings and structures is underway.
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.
