

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO.1761**  
TO BE ANSWERED ON 17.03.2022

**CONSTRUCTION OF NUCLEAR POWER PLANTS IN THE COUNTRY**

1761 Shri John Brittas:  
Dr. Kanimozhi NVN Somu:

Will the PRIME MINISTER be pleased to state:

- (a) whether Government has any plans for construction of new nuclear power plants in the country;
- (b) if so, the details thereof;
- (c) whether any funds have been earmarked by Government in this regard;
- (d) if so, the details thereof; and
- (e) the details of expansion plans in the existing projects?

**ANSWER**

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

- (a) Yes, Sir.
- (b) to (d) There are 10 reactors under construction (including KAPP-3, already connected to the grid) being implemented by NPCIL and one reactor PFBR (500 MW), being implemented by BHAVINI. The details are as follows:

State	Location	Project	Capacity (MW)	Sanctioned Cost(Rs. crore)
Gujarat	Kakrapar	KAPP-3 <sup>\$</sup> & 4	2 X 700	11459 <sup>#</sup>
Rajasthan	Rawatbhata	RAPP-7&8	2 X 700	12320 <sup>*</sup>
Tamil Nadu	Kudankulam	KKNPP-3&4	2 X 1000	39849
		KKNPP-5&6	2 X 1000	49621
	Kalpakkam	PFBR <sup>&amp;</sup>	1 X 500	6840
Haryana	Gorakhpur	GHAVP-1&2	2 X 700	20594

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

*# under revision to Rs 19220 crore*

*\*\* under revision to Rs. 17079 crore*

In addition, the Government has accorded administrative approval and financial sanction for ten indigenous Pressurised Heavy Water Reactors of 700 MW capacity each to be set up in fleet mode. The details are as follows:

<b>State</b>	<b>Location</b>	<b>Project</b>	<b>Capacity (MW)</b>	<b>Sanctioned Cost (Rs. crore)</b>
Karnataka	Kaiga	Kaiga-5&6	2 X 700	105000
Haryana	Gorakhpur	GHAVP- 3&4	2 X 700	
Madhya Pradesh	Chutka	Chutka-1&2	2 X 700	
Rajasthan	Mahi Banskara	Mahi Banskara-1&2	2 X 700	
		Mahi Banskara-3&4	2 X 700	

On progressive completion of the projects under construction and accorded sanction, the present capacity of 6780 MW is expected to reach 22480 MW by 2031 (including PFBR, being implemented by BHAVINI).

- (e) There is presently no plan for expansion of the under construction projects and projects accorded administrative approval and financial sanction.

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