

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 3752
TO BE ANSWERED ON 11.08.2021

Setting up of Atomic Power Plants

3752. SHRI DHAIRYASHEEL SAMBHAJIRAO MANE:
DR. HEENA GAVIT:
SHRIUNMESH BHAIYYASAHEB PATIL:
DR. SUJAY RADHAKRISHNA VIKHE PATIL:
DR. SHRIKANT EKNATH SHINDE:

Will the PRIME MINISTER be pleased to state:

- (a) whether the Government proposes to set up atomic power plants with a view to meet the shortage of electricity in the country;
- (b) if so, the status along with the names of locations where atomic power plants are likely to be set up, State/UT-wise;
- (c) the names of various countries with whom negotiations have been held for the supply of fuel for these atomic power plants; and
- (d) the time by which these atomic power plants are likely to be set up?

ANSWER

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

- (a) Yes, Sir.
- (b) The details are given as Annexure.
- (c)

Type of reactors	Negotiations have been held with countries	Form of fuel
PHWRs - 700 MWe	Canada, Kazakhstan	Natural uranium in the form of Uranium ore concentrate
VVERs – 1000 MWe	Russia	Fuel assemblies containing enriched UO ₂ fuel

- (d) The projects under construction and accorded sanction are scheduled to be completed progressively by the year 2031.

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%
Tamil Nadu	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	
Projects accorded 'In-Principle' Approval				
Maharashtra	Jaitapur	Jaitapur- 1 to 6	6 x 1650	<i>Pre-project activities are in progress</i>
Andhra Pradesh	Kovvada	Kovvada- 1 to 6	6 x 1208	
Gujarat	Chhaya Mithi Virdi	Chhaya Mithi Virdi-1 to 6	6 x 1000*	
West Bengal	Haripur	Haripur- 1 to 6	6 x 1000*	
Madhya Pradesh	Bhimpur	Bhimpur- 1 to 4	4 X 700	

[§] KAPP-3 (700 MW) has been connected to the grid on January 10, 2021.

& Implemented by BHAVINI

*Nominal Capacity
