

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 1184**  
TO BE ANSWERED ON 25.07.2018

**NEW NUCLEAR POWER PLANTS**

1184. DR. KRISHAN PRATAP :

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) At present, there are nine (9) nuclear power reactors at various stages of construction. Twelve (12) more nuclear power reactors have been accorded administrative approval and financial sanction by the Government in June 2017. Currently, pre-project activities are in progress on these projects. In addition, the Government has also accorded 'in principle' approval of sites for setting up nuclear power reactors in future. The details are as follows:

**Nuclear Power Reactors under Construction:**

State	Location	Project	Capacity (MW)
Gujarat	Kakrapar	KAPP 3&4	2 x 700
Rajasthan	Rawatbhata	RAPP 7&8	2 X 700
Tamil Nadu	Kudankulam	KKNPP 3&4	2 X 1000
	Kalpakkam	PFBR <sup>*</sup>	500 <sup>*</sup>
Haryana	Gorakhpur	GHAVP 1&2 <sup>\$</sup>	2 x 700

<sup>\*</sup> Project being implemented by BHAVINI

<sup>\$</sup> Excavation commenced

**Nuclear Power Reactors accorded administrative approval and financial sanction:**

State	Location	Project	Capacity (MW)
Haryana	Gorakhpur	GHAVP 3&4	2 x 700
Rajasthan	Mahi-Banswara	Mahi Banswara 1&2	2 X 700
		Mahi Banswara 3&4	2 X 700
Karnataka	Kaiga	Kaiga 5&6	2 X 700
Madhya Pradesh	Chutka	Chutka 1&2	2 X 700
Tamil Nadu	Kudankulam	KKNPP 5&6	2 X 1000

**Sites accorded 'in principle' approval for setting up more reactors in future:**

State	Site	Capacity (MW)	In Cooperation with
Maharashtra	Jaitapur	6 X 1650	France
Andhra Pradesh	Kovvada	6 X 1208	United States of America
Gujarat	Chhaya Mithi Virdi	6 X 1000*	
West Bengal	Haripur	6 X 1000*	Russian Federation
Madhya Pradesh	Bhimpur	4 X 700	Indigenous PHWR

*\*Nominal Capacity*

- (c) The names of the countries with whom negotiations have been held for the supply of fuel for the Atomic Power Plants are Russia, Kazakhstan, Canada, Uzbekistan, France and Australia.
- (d) The reactors under construction and accorded administrative approval and financial sanction are expected to be completed progressively by 2031. In respect of reactors to be set up in future at sites accorded 'in principle' approval, the completion would depend on their respective start dates.

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