

**GOVERNMENT OF INDIA  
ATOMIC ENERGY  
LOK SABHA**

UNSTARRED QUESTION NO:4721  
ANSWERED ON:22.04.2015  
INDO- US NUCLEAR DEAL  
Khadse Smt. Raksha Nikhil

**Will the Minister of ATOMIC ENERGY be pleased to state:**

- (a) the measures taken by the Government to achieve the targeted capacity set under the Indo-US nuclear deal for atomic power generation;
- (b) whether the Government proposes to put/build new atomic reactors to complement the 21 operational reactors to achieve the targets; and
- (c) if so, the details thereof?

**Answer**

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

(a) India and United States of America have reached an understanding on the issues related to civil nuclear liability and finalised the text of the Administrative Arrangement to implement the September 2008 bilateral 123 Agreement. This will allow us to move towards commercial negotiations on setting up reactors with international collaborations in India including localisation of technologies, as necessary, and realise the significant economic and clean energy potential of the civil nuclear understanding of 2005-2008.

In this regard, the Government has accorded 'in principle' approval for five coastal sites for locating such reactors and designated them. The Government has also put in place the necessary legal and other framework for setting up these reactors. One project, KKNPP 3&4 (2X1000 MW) at Kudankulam, Tamil Nadu, to be set up in co-operation with Russian Federation, has been accorded financial sanction. Discussions are being held with technology partners from France and USA in respect of setting up nuclear power plants at other locations.

(b) Yes, Sir.

(c) In addition to the 21 reactors presently in operation, two reactors including Prototype Fast Breeder Reactor being constructed by BHAVINI are under commissioning and four are at various stages of construction. Four more reactors have been accorded financial sanction. The details in this regard are as under:

Project	Location	Capacity (MW)	Status
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Projects under Commissioning/ Construction

Kudankulam Nuclear Power Project Unit-2 (KKNPP 2)	Kudankulam, Tamil Nadu	1000	Under Commissioning
Prototype Fast Breeder Reactor	Kalpakkam, Tamil Nadu	1 x 500	Under Commissioning
Kakrapar Atomic Power Project Units 3&4 (KAPP 3&4)	Kakrapar, Gujarat	2 X 700	Under various stages of construction
Rajasthan Atomic Power Project Units 7&8 (RAPP 7&8)	Rawatbhata, Rajasthan	2 X 700	Under various stages of construction

Projects accorded Financial Sanction

Gorakhpur Haryana Anu Vidyut Pariyojana (GHAVP 1&2)	Gorakhpur, Haryana	2 x 700	Being prepared for launch in 2015-16
Kudankulam Nuclear Power Project (KKNPP 3&4)	Kudankulam, Tamil Nadu	2 x 1000	Being prepared for launch in 2015-16

More projects are also planned in future.

