

**GOVERNMENT OF INDIA  
ATOMIC ENERGY  
LOK SABHA**

UNSTARRED QUESTION NO:1363  
ANSWERED ON:22.08.2007  
HEAVY WATER REACTORS AT TARAPUR  
Barman Shri Ranen

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

a] Whether the construction work on pressurised heavy water reactors at Tarapur has been completed; [b] if so, the details thereof; [c] the details of nuclear power reactors presently under construction and are likely to be set up in the country alongwith allocation of fund for the purpose, location-wise; and

(d) the time by which they are likely to start production?

**Answer**

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN)

(a) Yes, Sir.

(b) Tarapur Atomic Power Project, consisting of two reactors of 540 MWe has been completed in August 2006, ahead of its approved schedule of January, 2007.

(c)&(d) The details of the nuclear power reactors presently under construction and their expected & year of completion are as follows:

Reactors / Location (MWe)	Capacity Commercial Operation (Rs. in Crore)	Expected year of Project Cost	Approved
------------------------------	--	----------------------------------	----------

Kaiga Atomic Power Project			
Unit-3&4, Karnataka	2 x 220	Unit-3	Completed on 06.05.07
Unit-4	2008 3282		

Rajasthan Atomic Power Project			
Unit -5&6, Rajasthan	2 x 220	Unit-5	2007
Unit-6	2008 3072		

Kudankulam Nuclear Power Project -			
Unit-1&2, Tamil Nadu	2 x 1000	Unit-1	2008
Unit-2	2009 13171		

Prototype Fast Breeder Reactor (PFBR), Tamil Nadu, by BHAVINI Ltd.			
1 x 500	2011	3492	

Work on eight indigenous PHWRs with a total capacity of 5600 MWe, ten Light Water Reactors with a total capacity of 10,000 MWe based on imports has been proposed in the XI Plan. The Government has accorded 'in principle' approval for sites for 2 x 700 MWe each at Kakrapar in Gujarat, Rawatbhata in Rajasthan and 2 x 1000 MWe LWRs each at Kudankulam in Tamil Nadu and Jaitapur in Maharashtra.