

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:63
ANSWERED ON:08.08.2012
INDIGENOUS NUCLEAR REACTORS
Ramasubbu Shri S.

Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) the number of nuclear reactors so far built in the country indigenously;
- (b) whether the Government proposes to build more nuclear reactors with Russian assistance;
- (c) if so, whether Russia has agreed to the proposal of the Government;
- (d) if so, the details and its estimated capacity and the present status of those which are on the verge of completion; and
- (e) the time by which the new reactors are likely to be built up?

Answer

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (SHRI V. NARAYANASAMY) :

(a) Seventeen of the twenty nuclear power reactors in the country are built indigenously. Five indigenous nuclear power reactors are presently under construction.

(b)&(c) Yes, Sir. An Inter-governmental Agreement (IGA) in this regard has been signed between India and Russian Federation on December 5, 2008.

(d) The capacity of the additional nuclear power reactors to be set up with Russian Cooperation is :-

Site & Location	Capacity (MW)
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Kudankulam, Tamil Nadu	4 x 1000
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Hariipur, West Bengal	6 x 1000
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Kudankulam Nuclear Power Project Units 1&2 (KKNPP 1&2) are at advanced stage of completion and scheduled to commence commercial operation by October 2012 & June 2013 respectively.

(e) Commencement of work on KKNPP Units 3&4 is planned in the XII Five Year Plan period, with scheduled completion in the early XIII Five Year Plan. Other reactors to be set up with Russian cooperation are planned to be taken up in the XIII Five Year Plan and beyond, so as to progressively complete in the XIV Five Year Plan and beyond.