

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:3622
ANSWERED ON:24.08.2011
NUCLEAR REACTORS
Ramasubbu Shri S.

Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) the number and details of nuclear reactors so far built in the country indigenously;
- (b) whether the Government has any proposal to build more nuclear reactors with the cooperation of Russia;
- (c) if so, the details and the estimated capacity thereof; and
- (d) the time by which the new reactors are likely to be made operational?

Answer

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

(a) The first pair of nuclear power reactors in the country - TAPS 1&2 were set up on turnkey basis by General Electric (GE), USA and the construction of the next twin reactors RAPS 1&2 was started in technical cooperation with AECL, Canada. After 1974, peaceful nuclear experiment in India, Canadians left the project and Indian engineers completed the construction of these reactors. Subsequently, 16 nuclear power reactors have been set up indigenously. The details are attached.

(b) Yes, Sir.

(c) Units 1&2 of Kudankulam Nuclear Power Plant (KKNPP-1&2) of 1000 MW each, being set up in technical co-operation with Russian Federation at Kudankulam in Tamilnadu, are at advanced stage of commissioning. In addition, the Government has accorded 'in principle' approval of sites at Kudankulam for additional capacity of 4 x 1000 MW and Haripur in West Bengal for 6 x 1000 MW for setting up nuclear power reactors in technical cooperation with Russian Federation. These reactors are planned to be set up in phases of two reactors at a time.

(d) The KKNPP Units 3&4 are planned to be taken up towards end of XI Plan. The projects will be operational in about six years from the actual start of work. The next phase is planned after an interval of 3 to 4 years.