

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**RAJYA SABHA**  
**STARRED QUESTION NO. 484**  
TO BE ANSWERED ON 10.05.2012

**NUCLEAR REACTORS AT JAITAPUR**

\*484. SHRI P. RAJEEVE:

Will the PRIME MINISTER be pleased to state:

- (a) whether it is a fact that the nuclear reactors planned to be set up at Jaitapur are based on Evolutionary Pressurised Water Reactors (EPRs) technology provided by French firm Areva; and
- (b) the estimated cost of per Mega Watt of electricity produced using Areva reactors *vis-a-vis* the cost of electricity using Indian Pressurised Heavy Water Reactors?

**ANSWER**

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

---

- (a) Yes, Sir.
- (b) The detailed project proposals including costs and business models envisaging the share of work between the Indian side and French side to arrive at an optimal cost are under finalization. The business models are planned to be devised so as to maximize the indigenous content, scope of work and responsibilities to reduce the costs. The tariff of electricity from the EPRs planned at Jaitapur is expected to be comparable to those of contemporary Indian Pressurised Heavy Water Reactors.

\*\*\*\*\*