

**GOVERNMENT OF INDIA  
ATOMIC ENERGY  
LOK SABHA**

UNSTARRED QUESTION NO:179  
ANSWERED ON:18.02.2009  
ELECTRICITY FROM ATOMIC ENERGY  
Jatiya Dr. Satyanarayan

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

- (a) the quantum of nuclear fuel being procured from both internal and external sources alongwith the cost involved and
- (b) the details of the future action plan and implementation programme for generation of electricity from atomic energy?

**Answer**

MINISTER OF THE STATE IN THE MINISTRY OF PRIME MINISTER'S OFFICE AND MINISTRY OF THE STATE IN THE MINISTRY OF PERSONNEL,PUBLIC GRIEVANCES AND PENSIONS (SHRI PRITHVIRAJ CHAVAN)

(a) The natural uranium fuel for the indigenous reactors continues to be sourced from Uranium Corporation of India Limited, a Public Sector Undertaking (PSU) of the Department of Atomic Energy. In addition, 300 tons of natural uranium from Areva,France and 2000 tons of natural uranium,to be delivered over many years,from JVC-TVEL,a Russian Enterprise,for use in the reactors to be placed under safeguards is being procured. Order has also been placed for 60 Tons of Low Enriched Uranium for the reactors at Tarapur (TAPS-1&2 of 2 x 160 MWe) on JVC-TVEL.The fuel for Kudankulam (KK-1&2 of 2 x 1000 MWe),currently under construction, is being supplied by JVC-TVEL.

(b) XI Plan proposals envisage start of work on 8 indigenous Pressurised Heavy Water Reactors of 700 MWe each and 10 Light Water Reactors each of 1000 MWe, an Advanced Heavy Water Reactor of 300 MWe and pre-project activities for two Fast Breeder Reactors of 500 MWe each. More reactors are planned to be taken up beyond XI Plan.