

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:3036
ANSWERED ON:23.08.2006
ATOMIC POWER GENERATION
Jai Prakash Shri

Will the Minister of ATOMIC ENERGY be pleased to state:

:

- (a) whether the Government is taking steps to enhance nuclear energy capacity;
- (b) if so, the details thereof;
- (c) the stand of the Government regarding nuclear energy and the manner in which it is being viewed at international level; and
- (d) the details of the assistance likely to be received in the future to enhance nuclear energy?

Answer

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

- (a) Yes, Sir.
- (b) The present nuclear power capacity of 3900 MWe will be progressively increased to 7280 MWe by the year 2011 by completion of projects under construction at Kaiga, Karnataka (440 MWe), Rawatbhata, Rajasthan (440 MWe), Kudankulam, Tamil Nadu (2000 MWe) and a Prototype Fast Breeder Reactor Project by Bharatiya Nabhikiya Vidyut Nigam Ltd. at Kalpakkam, Tamil Nadu (500 MWe). More units are also planned to be taken up in the XI Plan and beyond so as to reach an installed capacity of about 20,000 MWe by the year 2020.
- (c) The country's domestic three-stage nuclear power programme for utilisation of indigenous resources of thorium for electricity generation in the long-term is on course. The current initiatives for international co-operation in nuclear energy are aimed at accessing the international market for technologies and fuel, for setting up additionalities to the domestic programme, to enable larger capacity addition, to meet the electricity demand in the near-term.
- (d) Import of large capacity nuclear power reactors and fuel are expected to be enabled as a result of the initiatives.