

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:448

ANSWERED ON:10.11.2010

PRODUCTION OF NUCLEAR ENERGY

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Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) the actual targets fixed and achieved during Tenth and Eleventh Five Year Plans in the production of nuclear energy;
- (b) the details of the reasons for shortfall, if any; and
- (c) the action plan drawn for increasing nuclear energy during the remaining period of current plan and next Five Year Plan?

Answer

THE MINISTER OF STATE FOR SCIENCE & TECHNOLOGY AND EARTH SCIENCES (INDEPENDENT CHARGE),
PMO,PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS AND PARLIAMENTARY AFFAIRS. (SHRI PRITHVIRAJ CHAVAN):

- (a) The generation of nuclear energy in the X Plan was 90,354 Million Units (MUs) as compared to a target of 82,495 MUs. The target for the XI Plan was 1,63,395 MUs, which was revised to 1,24,608 MUs at Mid-Term-Appraisal (MTA) stage. The generation in the first three years of the XI Plan has been 50,714 MUs and the expected generation in full plan period is about 1,06,000 MUs.
- (b) The targets were fixed on the assumption of availability of imported uranium for reactors under safeguards. Accessing the imported uranium through international cooperation has taken longer time. In addition there has been delay in augmentation of uranium supply from indigenous sources.
- (c) The indigenous fuel supply is now improving progressively. Full requirement for unsafeguarded reactors will be met on operation of the new uranium mine and mill in Tummalapalle in Andhra Pradesh in the year 2012. With the availability of imported uranium for the safeguarded reactors and of indigenous uranium for the unsafeguarded reactors, it is expected that nuclear power plants will operate at high plant load factors during the next five year plan.