

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:2090
ANSWERED ON:23.07.2014
GENERATION OF ATOMIC ENERGY
Biju Shri Parayamparanbil Kuttappan

Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) whether the target set for generation of Atomic Energy during the Eleventh Plan period has been achieved;
- (b) if not, the reasons therefor;
- (c) whether the Kudankulam Atomic Energy Plant has started power generation; and
- (d) if so, the installed capacity of the plant and the actual generation till date?

Answer

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (DR. JITENDRA SINGH):

(a) No, Sir.

(b) The target of nuclear energy generation in the XI Five Year Plan was 163,395 Million Units (MUs), which was revised to 124,608 MUs at Mid-Term Appraisal (MTA) stage. The actual generation in the XI Five Year Plan was 109,642 MUs. The shortfall in generation was on account of non-availability of indigenous uranium in the required quantity, delay in fruition of international cooperation resulting in delay in availability of imported uranium and revision of completion schedule of the Kudankulam Nuclear Power Project (KKNPP) and Prototype Fast Breeder Reactor (PFBR) projects to XII Five Year Plan.

(c) The Kudankulam Nuclear Power Project (KKNPP) comprises two units, (KKNPP 1&2), each of 1000 MW capacity. The first unit, KKNPP-1 was synchronised to the grid in October, 2013 and is generating infirm power. Power level was raised in stages in accordance with the clearances accorded by the Atomic Energy Regulatory Board (AERB), and it has achieved full power (1000 MW) on June 07, 2014. KKNPP-2 (1000 MW) is under commissioning.

(d) The installed capacity of KKNPP Unit-1 is 1000 MW and the actual generation of infirm power from the unit as of July 13, 2014 since its connection to the grid in October, 2013, is about 2565 MUs.