

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
LOK SABHA
UNSTARRED QUESTION NO.2802
TO BE ANSWERED ON 20.12.2023

Atomic Energy Production

2802. MS. RAMYA HARIDAS:
SHRIMATI POONAM MAHAJAN:

Will the PRIME MINISTER be pleased to state:

- (a) the target set for Atomic energy production by 2030 looking at the potential of Atomic energy in the country;
- (b) the total production of Atomic energy as on 31st October, 2023 against the target set;
- (c) the steps taken/proposed to be taken by the Nuclear Power Corporation of India Limited (NPCIL) and Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI) to reach the target set; and
- (d) the timeline set for completion of reactors under construction and the progress made in this regard?

ANSWER

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

- (a) The present installed nuclear power capacity is 7480 MW comprising of 23 nuclear power reactors. On progressive completion, it is set to increase to 22480 MW by 2031-32.
- (b) The electricity generation from nuclear power plants in the current year 2023-24 (up to November 2023) is about 32017 Million Units against the aspirational MoU target of 52340 Million Units for the year.
- (c) Nuclear Power Corporation of India Limited (NPCIL) has taken steps to ensure completion of plant shutdown of operating reactors as per schedule and early start of generation from new units and also avoiding of any unplanned shutdown to meet the target. PFBR is undergoing integrated commissioning.

Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI) has set milestones against set timeline to reach the target.

- (d) At present, construction and commission of ten reactors totaling 8000 MW is underway. In addition, pre-project activities in respect of ten reactors accorded sanction by the Government has been initiated. These are scheduled for progressive completion by 2031-32.
