

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 535
TO BE ANSWERED ON 20.11.2019

UTILISATION OF NUCLEAR ENERGY

535. SHRI VISHNU DAYAL RAM:

Will the PRIME MINISTER be pleased to state:

- (a) whether any agency/institution is being set up to ensure better utilization of nuclear energy;
- (b) if so, the details thereof and the targets set for generation / utilization of power from nuclear energy under the schemes;
- (c) whether the said targets have been achieved and if so, the details thereof; and
- (d) the details of the future action plan for nuclear energy?

ANSWER

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

- (a) No, Sir. Two Public Sector Enterprises of the Department of Atomic Energy, Nuclear Power Corporation of India Limited (NPCIL) and Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI) are already in place for generation of power from nuclear energy.
- (b) The generation targets are set on an annual basis, as a part of the Memorandum of Understanding (MoU) between the NPCIL and DAE. NPCIL's target achieved for the year 2018-19 is 37812.81 Million Units (MU). NPCIL's target set for generation in the current year 2019-20 is 39600 (MU).
- (c) The generation in the current year 2019-20 upto October 2019 has been 28339 Million Units.

- (d) Seven (7) reactor units with 5300 MW capacity including Prototype Fast Breeder Reactor (PFBR) by BHAVINI are under construction. Ground preparations are underway for four (4) more units having 3400 MW capacity. Additionally, the Government has accorded administrative approval and financial sanction of ten (10) indigenous Pressurized Heavy Water Reactors (PHWRs) of 700 MW each to be set up in fleet mode. On their progressive completion by 2031, the present installed nuclear power capacity of 6780 MW is expected to reach 22480 MW. More reactors, based on both indigenous technologies and with foreign cooperation are planned in future.
