

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
LOK SABHA
UNSTARRED QUESTION NO.2680
TO BE ANSWERED ON 04.08.2021

SHARE OF ATOMIC ENERGY

2680. SHRI RAMCHARAN BOHRA:

Will the PRIME MINISTER be pleased to state:

- (a) the share of atomic energy in total power generation of the country;
- (b) whether the Government has formulated any comprehensive scheme to double the share of atomic energy in power generation;
- (c) if so, the details thereof; and
- (d) if not, the reasons therefor?

ANSWER

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

- (a) The share of nuclear power in the total electricity generation in the country is about 3.1% in the year 2020-21.
- (b) The Government has embarked on a large nuclear power capacity addition program to increase the share of nuclear power in electricity generation.
- (c) There are presently 22 reactors with a total capacity of 6780 MW in operation and one reactor, KAPP-3 (700 MW) has been connected to the grid on January 10, 2021. Ten (10) nuclear power reactors with 8000 MW capacity (including 500 MW PFBR being implemented by Bharatiya Nabhikiya Vidyut Nigam Limited {BHAVINI}) are under construction. 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 progressive completion of the projects under construction and accorded sanction, the nuclear power capacity is expected to reach 22480 MW by the year 2031. More nuclear power plants are also planned in future.
- (d) Does not arise.
