

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 3831
TO BE ANSWERED ON 11.08.2021

New Nuclear Reactors

3831. SHRI SHYAM SINGH YADAV:

Will the PRIME MINISTER be pleased to state:

- (a) whether Government is planning to add new nuclear reactors in the near future to augment its 7 Gigawatt (GW) total installed nuclear energy capacity of present;
- (b) if so, the details thereof and if not, the reasons therefor;
- (c) whether the Government plans to phase out their nuclear power stations in view of reports of many countries doing the same or continue adding new nuclear reactors in the future; and
- (d) the details thereof?

ANSWER

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

- (a) Yes, Sir.
- (b) 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. There are 10 reactors (including 500 MW PFBR being implemented by BHAVINI) totaling to 8000 MW under construction at various stages and the Government has accorded administrative approval and financial sanction for construction of 10 more reactors totaling to 7000 MW, to be set up in fleet mode. On progressive completion of the projects under construction and accorded sanction, the nuclear capacity is expected to reach 22480 MW by 2031. More nuclear power plants are also planned in future.
- (c)&(d)The Government has no proposal to phase out nuclear power plants. Nuclear power capacity is proposed to be added to meet the growing electricity needs of the country. Nuclear power, with its huge potential and being clean and environmental friendly, can provide the country long term energy in a sustainable manner and help address the impending climate change.
