

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO.4067**  
TO BE ANSWERED ON 22.12.2021

**NUCLEAR REACTORS**

4067. SHRI SHYAM SINGH YADAV:

Will the PRIME MINISTER be pleased to state:

- (a) whether the Government is planning to add new nuclear reactors in the near future to augment its present 7 GW total installed nuclear energy capacity;
- (b) if so, the details thereof;
- (c) whether the Government has any plans of phasing out nuclear reactors in view of reports of many countries phasing out their nuclear power stations and in light of India's net zero commitment at COP 26 and if so, the details thereof; and
- (d) if not, whether the Government is planning to continue adding new nuclear reactors in the future?

**ANSWER**

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

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- (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, with its huge potential and being clean and environmental friendly, can provide the country long term energy in a sustainable manner. It thus has an important role to play in the country's energy transition to net zero economy. Therefore, more nuclear power capacity is planned to be added.