

LOK SABHA

D.No U2672

Ministry to which the day has been allotted : ATOMIC ENERGY

Sitting on the : 08/02/2023

Development of Small Modular Reactors

Will the Prime Minister be pleased to state:

- (a) whether the Government is cognizant that the country's nuclear power production is expected to reach 22,480 MW by 2031 with the addition of those under construction;
- (b) whether the Government has proposed to build small nuclear reactors in the country;
- (c) if so, the steps that are proposed to be taken by the Government to develop Small Modular Reactors (SMRs) for a clean energy transition and also to increase the generation of nuclear energy in the country;
- (d) the reasons and rationale for transition towards nuclear energy in the form of Small Modular reactors along with the details thereof;
- (e) the details of process and procedure, licensing mechanism for establishing the small modular reactors in the country; and
- (f) the details of proposal and other safeguards undertaken by the Government in constructing Small Modular reactors?