

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO-2085**  
ANSWERED ON 07/08/2025

**ESTABLISHMENT OF ONE NUCLEAR PLANT IN EACH STATE**

2085. DR. SIKANDER KUMAR

Will the PRIME MINISTER be pleased to state:-

- (a) whether Government proposes to set up one nuclear power plant in every State that does not fall under the Seismic Zone 5;
- (b) if so, the details thereof;
- (c) whether Government plans to reduce the turnaround time for setting up nuclear power plant; if so, the efforts taken in this regard; and
- (d) the steps taken by Government to build nuclear power plants on 'fleet mode' and to foster global collaborations and technological advancements for faster capacity across the country?

**ANSWER**

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

- (a) & (b) For setting up a Nuclear Power Plant, certain conditions are required, and apart from not falling in seismic zone V, sites need to fulfill other seismic criteria like distance from a capable fault, availability of land, cooling water, foundation conditions etc.
- (c) Yes. Advance procurement of long manufacturing cycle equipment, innovative contracting mechanisms like mega EPC packages, Quality and Cost Based Selection (QCBS) methodology, improved and advanced construction methodologies have been adopted to reduce the gestation period of nuclear power projects.
- (d) The Government had sanctioned a fleet of ten indigenous Pressurised Heavy Water Reactors of 700 MW each in fleet mode, which are presently under implementation. To meet the target of 100 GW by 2047 as announced in the Nuclear Energy Mission, indigenous reactors in fleet mode and large reactors with foreign cooperation are envisaged.

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