

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO.3153**  
TO BE ANSWERED ON 14.03.2018  
**URANIUM PRODUCTION**

3153. SHRI HARI MANJHI:

Will the PRIME MINISTER be pleased to state:

- (a) the production of uranium in metric tonne in the country, State/UT-wise along with its annual requirement for the generation of atomic energy, nuclear power plant-wise;
- (b) whether the Government has prepared any scheme to achieve self-sufficiency in the uranium availability;
- (c) if so, the details thereof and the action taken by the Government in this regard; 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) It is not in the public interest to disclose the quantity of production of uranium. The approximate requirements of uranium for Pressurized Heavy Water Reactors (PHWRs) are given below:

Unit Capacity (MW)	Annual requirement at 85% Capacity Factor (tons UO <sub>2</sub> )
220	45
540	100
700	125

The approximate requirements of uranium for Light Water Reactors (LWRs) are as given below:

Unit Capacity (MW)	Annual requirement at 85% Capacity Factor (tons low enriched uranium)
160	6(at 85% CF)
1000	25 (at 90% CF)

- (b)&(c) Yes, Sir. The Government has taken measures to augment domestic uranium supply by state-of-the-art, integrated, multi-disciplinary exploration in several prospective and potential geological domains in various parts of the country and opening of new mines and processing facilities.
- (d) Does not arise in view of (b) and (c) above.

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