

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO.1918**  
TO BE ANSWERED ON 07.03.2018

**URANIUM PRODUCTION**

1918. SHRI DUSHYANT CHAUTALA:

Will the PRIME MINISTER be pleased to state:

- (a) whether the Government is planning to increase the indigenous production of Uranium and its import to keep up the operation of nuclear reactors in the country;
- (b) if so, the details thereof;
- (c) whether the Government has faced any restrictions from countries which are exporting Uranium to India and if so, the details thereof; and
- (d) whether the Government has planned to achieve a ten-fold increase in indigenous Uranium production by 2031-2032 to tackle international restrictions and if so, the details thereof?

**ANSWER**

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

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- (a)&(b) Yes, Sir. Uranium Corporation of India Limited (UCIL), a Public Sector Undertaking under the Department of Atomic Energy(DAE), has made a detailed plan in line with DAE's vision to achieve self sufficiency in uranium production, with nearly ten-fold rise in next 15 years (by 2031-32). UCIL has outlined a plan for massive expansion, which includes plan to maintain sustained supply from existing facilities, capacity expansion of some existing units and construction of new production centres (mines and plants) in different parts of the country. Considering the resources already identified in different geological basins by Atomic Minerals Directorate for Exploration and Research (AMD), a constituent unit of DAE, UCIL's major production centres are planned in Jharkhand, Andhra Pradesh, Karnataka, Telangana,

Rajasthan and Meghalaya. Consequent upon the Civil Nuclear Cooperation, the Department of Atomic Energy (DAE) has been importing Uranium Ore to meet the Fuel requirements of Safeguarded Nuclear Power Plants. The agreement presently in operation for import of Uranium envisages import upto 2020.

(c) No, Sir.

(d) Yes, Sir. As per the vision plan prepared by UCIL in line with DAE's requirement of uranium to fuel nuclear power plants, UCIL's production achievement can get nearly ten-fold rise in next 15 years (by 2031-32). The uranium mining projects have been planned in three phases. On completion of the projects in first phase, it is expected to increase 3.5 times of existing uranium production by the 12<sup>th</sup> year. On completion of the projects in second phase, uranium production is expected to achieve seven times of existing production. With the completion of phase three projects uranium production of the country is expected to record ten-fold increase by 2031-32.

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