

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 3689**  
ANSWERED ON 03/04/2025

**NEW URANIUM DEPOSITS**

3689. SHRI RAGHAV CHADHA

Will the PRIME MINISTER be pleased to state:-

- (a) the State-wise and year-wise uranium reserves discovered in the last five years and the projected mining capacity for the next decade;
- (b) the funds allocated for expanding uranium mining operations and details of projects under execution;
- (c) whether Government has assessed the impact of the newly discovered uranium deposits at Jaduguda Mines on India's long-term nuclear fuel security; and
- (d) if so, the details thereof?

**ANSWER**

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

- (a) The state-wise and year-wise in-situ uranium resources augmented by Atomic Minerals Directorate for Exploration and Research (AMD), a constituent unit of Department of Atomic Energy (DAE) in the last five years are as follows:

State	U-oxide Resource (in tonne)				
	2020-21	2021-22	2022-23	2023-24	2024-25 (till Dec. 24)
Andhra Pradesh	12,966	18,182	19,561	7,450	2,500
Jharkhand	5,894	715	3,367	13,100	4,080
Karnataka	617	373	-	-	-
Rajasthan	1,861	1,336	-	900	798
Total	21,338	20,606	22,928	21,450	7,378

In principle approval exists for initiating 13 projects including capacity expansion of some existing units and construction of new production facilities (Mines & Plants) in the country. Pre-project activities related to obtaining statutory clearances from various Central and State authorities have been initiated. On implementation of the projects, the projected mining capacity in terms of Ore production is envisaged approximately 11.535 million TPA and in terms of U<sub>3</sub>O<sub>8</sub> production is envisaged approximately as 1095 TPA.

- (b) As the pre-project activities related to obtaining statutory clearances from various Central and State authorities have been initiated for the projects for which in-principle approval is received, presently no funds are allocated for those projects. The fund allocation shall be taken up once the project contours are firmed up after finalising of Detailed Project Report and once administrative and financial sanction is obtained.
- (c) & (d) Yes, in recent years, AMD has established U-oxide resource at Jaduguda North - Baglasai - Mechua deposit, East Singhbhum district, Jharkhand; which is the north-western continuity of Jaduguda uranium deposit. The deposit is expected to strengthen India's long-term nuclear fuel security substantially.

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