

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
LOK SABHA
UNSTARRED QUESTION NO-4230
ANSWERED ON 26/03/2025

URANIUM IMPORTS

4230. DR. D. PURANDESWARI

Will the PRIME MINISTER be pleased to state:-

- (a) the details of the key international sources from which India currently imports uranium along with the uranium imported from the aforementioned countries since 2020, country and year-wise;
- (b) the details of the long-term pricing agreements with exporting countries to ensure cost stability in uranium imports;
- (c) the details of the amount allocated, sanctioned, disbursed and expended for importing uranium since 2020 along with the cost of imported uranium compared to domestically mined uranium, year-wise;
- (d) the measures taken/being taken by the Government to reduce India's dependency on imported uranium and enhance domestic uranium production; and
- (e) whether the Government has any data on the estimated future demand for uranium keeping in mind the India's plan to expand its nuclear power plant capacity, if so, the details thereof along with the expected demand and the manner in which the Government plans to meet it?

ANSWER

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

(a) The details of Uranium imported since 2020-21 are given below:

Year	Source of Import	Quantity in MTU
2020-21	M/s. JSC NAC Kazatomprom - Kazakhstan	999.82
2020-21	M/s. Cameco - Canada	1000.479
2023-24	M/s. Navoiyuran State Company- Republic of	350
2024-25	Uzbekistan	250

(b) At present, the long term pricing agreement is with M/s. “Navoiyuran” State Company, Uzbekistan. The contract is valid up to 2026. 600 MTU supplied out of the total quantity of 1100MTU.

(c) The details of the amount allocated/sanctioned, disbursed/expended for importing uranium since 2020 are as below:

Financial Year	Amount allocated/ sanctioned (Rs.in crore)	Amount disbursed/ expended (Rs.in Crore)	Cost per MTU of imported Uranium (Rs.in Crore)
2020-21	1200.00	1191.39	0.60
2021-22	0	0	
2022-23	0	0	
2023-24	430.00	427.27	1.22
2024-25	460.00	455.73	1.82

The cost of domestically mined Uranium is higher due to poor Ore quality.

(d) Uranium Corporation of India Limited (UCIL), a Public Sector Undertaking under the Department of Atomic Energy (DAE) is mandated to meet the requirement of Uranium for Nuclear Power Programme. UCIL is undertaking time to time projects which include capacity expansion of some of existing units as well as for establishing new projects for meeting uranium fuel requirement.

(e) Estimated future demand for the imported natural uranium for operating and proposed Pressurised Heavy Water Reactors (PHWRs) under safeguards is about 9000 MTU for the period 2025 to 2033.
