

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 1288**  
TO BE ANSWERED ON 14.12.2023.

**Plan to increase Uranium resources and supply chain in the country**

1288 Shri Sant Balbir Singh:

Will the PRIME MINISTER be pleased to state:

- (a) whether, after assessing the long-term demand for Uranium and the supply thereof from indigenous sources, Government plans to increase the Uranium resources and supply chain in the country;
- (b) if so, the details thereof and the action taken in this regard;
- (c) whether Government is taking any steps to explore Uranium in new places to reduce dependence on imports; and
- (d) 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. Atomic Energy Commission (AEC) has accorded in-principle approval for capacity expansion of some existing units in Andhra Pradesh & Jharkhand and also green field projects in various parts of the country. Accordingly, Uranium Corporation of India Limited (UCIL) has initiated pre-project activities, such as obtaining statutory clearances, land acquisition, site development and carrying out R&D activities for formulation of the Detailed Project Reports and the activities are in different stages of execution to set up new mines and plants in different parts of the country viz, Garadih, Banadungri in Jharkhand, Kanampalle in Andhra Pradesh, Rohil project in Rajasthan, Gogi & Kanchankayi project in Karnataka, Jajawal project in Chhattisgarh and Chitrial in Telangana. Similarly, Atomic Minerals Directorate for Exploration and Research (AMD), a constituent unit of Department of Atomic Energy (DAE), has the mandate to identify, evaluate and augment mineral resources of uranium in the country. To ensure unhindered indigenous supply and speedy augmentation of uranium resources, AMD is carrying out integrated and multi-disciplinary exploration (including heliborne and ground geophysical surveys, ground geological, geochemical and radiometric surveys and drilling) in identified thrust areas of the country by utilising state-of-the-art technology.

Presently, AMD is carrying out integrated and multi-disciplinary exploration for speedy augmentation of uranium resources in the following states:

<b>State</b>	<b>Location</b>
Andhra Pradesh	YSR, Annamayya, Palnadu, Kurnool and Prakasam districts
Karnataka	Yadgiri and Belagavi districts
Jharkhand	East Singhbhum, Seraikela - Kharsawan and Garhwa districts
Odisha	Sundargarh and Mayurbhanj districts
Assam	Kamrup, Hojai and Karbi Anglong districts
Arunachal Pradesh	Dibang Valley, Lower Dibang Valley, East Siang, West Siang, Lohit, Papum Pare, Lower Subansiri, West and East Kameng districts
Rajasthan	Sikar, Nagaur, Ajmer, Jhunjhunu, Bhilwara, Barmer, Dausa and Jodhpur districts
Himachal Pradesh	Una, Hamirpur, Mandi, Bilaspur and Kullu districts
Madhya Pradesh	Gwalior, Sagar, Chhatarpur, Betul and Sidhi districts
Chhattisgarh	Korba, Sakti, GPM, Janjgir-Champa and Bilaspur districts
Maharashtra	Gondia district
Uttar Pradesh	Sonbhadra district
Haryana	Mahendragarh district

As on September, 2023, AMD has established 4,10,122 tonne (t) in situ U<sub>3</sub>O<sub>8</sub> in 47 uranium deposits located in Andhra Pradesh, Telangana, Jharkhand, Meghalaya, Rajasthan, Karnataka, Chhattisgarh, Uttar Pradesh, Uttarakhand, Himachal Pradesh and Maharashtra.

(c) & (d) Yes Sir. During the recent years, AMD has initiated exploration in the following new areas:

State	Location
Andhra Pradesh	Nallagondavaripalle – Ambakapalle - Bakkanagaripalle - Sivramapuram – Pincha - Kumarampalle, - Nagayapalle, YSR district; Sarangapalli - Madinapadu–Tangeda, Palnadu district; Bommarajupalle–Mincahalpadu - Kappatralla, Kurnool district and Katimayakunta – Varikuntapalle, Annamayya district
Karnataka	Hulkal - Halbhavi – Madnal, Yadgiri district and Deshnur, Belgavi district
Jharkhand	Kudada - Kanyaluka - Pathargora – Khadandungri – Baglasai – Mechua, East Singhbhum district; Kumari - Kamalpur, Seraikela - Kharsawan district and Chundi – Karke, Garhwa district
Assam	Buriganga, Hojai district and Bonda – Chandrapur; Kamrup district
Arunachal Pradesh	Rungang - Kaying – Pagla Nala, West Siang district; Dirang – Sangti, West Kameng district and Ampuli, Papum Pare district
Rajasthan	Geratiyon ki Dhani – Kundala, Sikar district; Malikhera – Barliyas, Bhilwara and Chittaurgarh districts; Bhura Sidh, Alwar district and Bichun – Nayagaon, Ajmer district
Himachal Pradesh	Rajpura - Nari - Maslana – Parah - Badoh - Gagret – Ambota, Una district; Loharkar – Chamsai – Farsi - Sibal - Galot, Hamirpur district; Chhinjra – Dharmor, Kullu district and Tileli – Cha Ka Dora – Rohani – Manj Khetar, Mandi district

<b>State</b>	<b>Location</b>
Madhya Pradesh	Maharampura – Sirsa - Renhat - Dorar - Sitla Ka Khoh – Saraipura – Jorasi, Gwalior district; Dharangmau - Khapa - Jhapri – Kachhar - Kalapani, Betul district and Lohara – Dongargaon, Balaghat district.
Chhattisgarh	Magarkund - Koilari, Rajnandgaon and Kawardha districts; Juba - Banjhapali, Mahasamund district; Nagarda - Ghuichua - Hardii Tikra – Kasipani - Ghoghra - Salihabhata, Korba and Janjgir - Champa districts; Kurludih - Talkeshwarpur - Jhapar, Balrampur district; Murmur-Ghatbahra, GPM district and Sapalwa – Hirwadoli, Korba district
Maharashtra	Bijepar - Nawatola - Bijakutumb – Nakti- Parsori, Gondia district
Uttar Pradesh	Anjangira – Kudar – Jaljaliya - Naniyagarh - Nimna - Satbahini – Murratola - Lilasi – Barwatola – Dighul - Sewadand - Jogiya Pahri – Gariya – Lambhi – Baran – River, Sonbhadra district
Haryana	Dochana-Simla, Mahendragarh district

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