

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO-486
ANSWERED ON 24/07/2025

OPERATIONAL NUCLEAR POWER REACTORS

486. SHRI MILIND MURLI DEORA

Will the PRIME MINISTER be pleased to state:-

- (a) the number of operational nuclear power reactors in the country;
- (b) the percentage of electricity generated through nuclear energy;
- (c) the estimated domestic uranium reserves and their sufficiency for current and future needs;
and
- (d) whether Government has signed any new agreements with other countries for nuclear fuel supply?

ANSWER

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

- (a) Presently there are 24 operational nuclear power reactors in the country, excluding RAPS-1 which is under long term shutdown.
- (b) At present, the nuclear power contribution is about 3% to the total electricity generation in the country.
- (c) As on **June, 2025**, Atomic Minerals Directorate for Exploration and Research (AMD), a constituent unit of Department of Atomic Energy, has established **4,33,800t *in-situ*** U-oxide resource in 47 uranium deposits located in Andhra Pradesh, Telangana, Jharkhand, Meghalaya, Rajasthan, Karnataka, Chhattisgarh, Uttar Pradesh, Uttarakhand, Himachal Pradesh and Maharashtra. State-wise details of the uranium resource are given in **Annexure**.
- (d) No.

ANNEXURE

Table 1. State-wise Details of the Uranium Resources

State	District	Name of the deposit	U-oxide (U ₃ O ₈) Resource (tonne)	Status
Andhra Pradesh	YSR	Tummalapalle Group	2,51,259	Existing mine (Under investigation)
	Guntur	Koppunuru	2,761	Under investigation
	Sub-total		2,54,020	
Telangana	Nalgonda	Lambapur	1,450	Planned mining centre
		Peddagattu	7,585	Planned mining centre
		Chitrial	9,515	Planned mining centre
	Sub-total		18,550	
Jharkhand	East Singhbhum	Jaduguda	8,038	Existing mine
		Jaduguda North - Baglasai - Mechua	26,437	Planned mining centre (Under investigation)
		Bhatin	1,700	Existing mine
		Narwapahar (NWP) + NWP Extn.	11,780	Existing mine
		Narwapahar Deeper	10,723	Extension of existing mine
		Singridungri-Banadungri	9,856	Extension of existing mine
		Turamdih Group	11,510	Existing mine
		Banduhurang	7,189	Existing mine
		Bagjata	1,860	Existing mine
		Mohuldih	3,330	Existing mine
		Garadih	1,270	Small deposit
		Kanyaluka	3,970	Small deposit
		Nimdih	815	Small deposit
		Rajgaon	1,200	Small deposit
		Rajdah	1,019	Under investigation
		Kudada	3,565	Under investigation
	Saraikela-Kharswan	Bangurdih	1,785	Small deposit
	Sub-total		1,06,047	
Meghalaya	South West Khasi Hills	KPM (Domiasiat)	9,500	Planned mining centre

		Wahkyn - Wahkut	9,764	Exploratory mining planned (Under investigation)
		Gomaghat- Phlangdiloin	1,000	Small deposit
		Tyrnai	600	Small deposit
		Lostoin	869	Small deposit
		Umthongkut	1,535	Small deposit
	Sub-total		23,268	
Rajasthan	Sikar	Rohil	8,813	Exploratory mining centre (Under investigation)
		Rohil (West)	1,086	Under investigation
		Jahaz	3,868	Under investigation
		Geratyon Ki Dhani	3,302	Under investigation
	Udaipur	Umra	1,160	Small deposit
	Sub-total		18,229	
Karnataka	Yadgir	Gogi	4,267	Exploratory mining centre
		Kanchankayi	2,194	Under investigation
		Hulkal	800	Under investigation
	South Canara	Walkunji- Yellakki	415	Small deposit
	Sub-total		7,676	
Chhattisgarh	Rajnand- gaon	Bodal	1,530	Small deposit
		Bhandaritola	518	Small deposit
	Surguja	Jajawal	1,438	Small deposit
		Dumath - Dhabi	500	Small deposit
	Sub-total		3,986	
Uttar Pradesh	Sonbhadra	Naktu	785	Under investigation
	Sub-total		785	
Uttarakhand	Rudraprayag	Pokhri-Tunji	100	Small deposit
	Sub-total		100	
Himachal Pradesh	Una	Rajpura	364	Under investigation
	Shimla	Kasha-Kaladi	200	Small deposit
	Mandi	Tileli	220	Small deposit
	Sub-total		784	
Maharashtra	Gondia	Mogarra	355	Small deposit
	Sub-total		355	
Grand total			4,33,800	
