

LOK SABHA
UNSTARRED QUESTION No. 3192
TO BE ANSWERED ON 18th December, 2025

EXPANSION OF CBG AND GREEN HYDROGEN PROJECTS IN UTTAR PRADESH

†3192. SHRI DHARMENDRA YADAV:

पेट्रोलियम और प्राकृतिक गैस मंत्री

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

- (a) the details of the Government monthly/annual target plan for setting up and expansion of Compressed Biogas (CBG) plants and Green Hydrogen Projects in Uttar Pradesh;
- (b) the number of plants/projects likely to be commissioned in industrial areas during the next three years;
- (c) the manner in which the skill development schemes of the Ministry are contributing in providing training and permanent employment to the youths belonging to SC/ST/OBC categories for smooth operation and maintenance of CBG and Green Hydrogen projects; and
- (d) the number of the youths trained and employed through these schemes during the last two years, district-wise?

ANSWER

पेट्रोलियम और प्राकृतिक गैस मंत्रालय में राज्यमंत्री
(श्री सुरेश गोपी)

**MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS
(SHRI SURESH GOPI)**

(a) to (d) Government, with a view to promoting the setting up of Compressed Biogas (CBG) plants across the country including Uttar Pradesh, has adopted a “Whole of Government” approach involving multiple Ministries and Departments under the GOBARDhan initiative. The role of the Government is to create an enabling ecosystem for CBG projects. The establishment of CBG plants is undertaken by entrepreneurs and other interested entities based on their own techno-commercial assessment. Accordingly, no monthly or annual targets have been fixed for setting up or expansion of CBG projects in Uttar Pradesh.

As per information reported on the GOBARDhan portal, in Uttar Pradesh, 36 CBG projects are functional and 70 projects are at various stages of construction.

Further, Government is implementing the National Green Hydrogen Mission with the objective of making India a global hub for production, usage and export of green hydrogen and its derivatives. The Government of Uttar Pradesh have notified the Green Hydrogen Policy-2024, which aims to promote a green hydrogen/green ammonia ecosystem in the State with an overall

objective of achieving around 10 lakh metric tonnes of green hydrogen production per year through investment-linked facilitation, without prescribing any monthly or annual targets.

The Uttar Pradesh New and Renewable Energy Development Agency (UPNEDA) has informed that at present, two green hydrogen projects have been established in Uttar Pradesh.

The Ministry of Petroleum and Natural Gas (MoPNG) does not implement any dedicated skill development scheme. However, the Ministry of Skill Development and Entrepreneurship (MSDE) has informed that, under the Skill India Mission (SIM), skill, re-skill and up-skill training is imparted through an extensive network of skill development centres under schemes such as Pradhan Mantri Kaushal Vikas Yojana (PMKVY), Jan Shikshan Sansthan (JSS), National Apprenticeship Promotion Scheme (NAPS) and the Craftsmen Training Scheme (CTS) through Industrial Training Institutes (ITIs). These schemes cover all sections of society, including youth belonging to SC/ST/OBC categories, across the country including Uttar Pradesh. MSDE has informed that more than 2 crore candidates belonging to SC/ST/OBC categories have been trained under its various schemes across the country.

Further, the Directorate General of Training (DGT) under MSDE has developed a course titled “Green Hydrogen Production Technician” under the CTS in 2024 to equip the workforce with skills required for production, operation and maintenance of green hydrogen technologies.

UPNEDA has informed that the Uttar Pradesh Green Hydrogen Policy-2024 provides for the establishment of two Centres of Excellence in collaboration with institutions such as IIT-BHU, Madan Mohan Malaviya University of Technology, Gorakhpur, and other technical institutions to support research, technological development and human resource capacity building.

The Ministry of New and Renewable Energy (MNRE), has informed that Sardar Swaran Singh National Institute of Bio-Energy (SSSNIBE), Kapurthala, is an autonomous institution of the MNRE which conducts national-level training programmes on biogas and CBG.

District-wise data on youth trained and employed specifically for CBG and green hydrogen projects during the last two years is not separately maintained. However, the district-wise total number of trained candidates in the State of Uttar Pradesh under MSDE Schemes during last two years is at Annexure.

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PART (a) TO (d) OF LOK SABHA UNSTARRED QUESTION NO. 3192 TO BE ANSWERED ON 18.12.2025 REGARDING EXPANSION OF CBG AND GREEN HYDROGEN PROJECTS IN UTTAR PRADESH.

District-wise total Number of trained candidates in the State of Uttar Pradesh under MSDE Schemes during last two years

District	PMKVY (since 2024-25 to 2025-26 till 31.10.2025)	JSS (since 2024-25 to 2025-26 till 31.10.2025)	NAPS (Apprentices engaged since 2024-25 to 2025-26 till 31.10.2025)	CTS (Candidates Enrolled from Session 2023-24 to 2024-25)
Agra	28,112	2,200	2,521	18,889
Aligarh	12,616	2,335	830	13,905
Ambedkar Nagar	3,873	2400	374	10,034
Amethi	1,572	2047	402	4,140
Amroha	4,891	-	551	7,213
Auraiya	3,863	-	272	2,566
Ayodhya	3,608	2121	509	14,624
Azamgarh	19,237	-	1,015	23,502
Baghpat	2,021	-	120	2,497
Bahraich	3,582	2312	234	2,210
Ballia	6,278	2399	531	15,590
Balrampur	3,458	-	113	1,440
Banda	2,471	2440	389	5,035
Bara Banki	2,362	2020	830	7,790
Bareilly	14,549	2,140	1,339	10,272
Basti	3,135	2,279	317	5,904
Bhadohi	1,784	2,033	197	5,200
Bijnor	13,993	-	293	5,699
Budaun	3,876	-	258	4,690
Bulandshahr	13,226	-	432	7,861
Chandauli	4,782	2,114	747	8,168
Chitrakoot	4,508	1,860	135	2,000
Deoria	4,707	2,180	303	14,819
Etah	4,255	-	340	5,478
Etawah	2,360	1,920	462	4,512
Farrukhabad	5,409	780	169	3,967
Fatehpur	2,367	2,900	124	5,561
Firozabad	8,462	2,579	362	8,785
Gautam Buddha Nagar	7,490	2,478	77,442	5,634
Ghaziabad	6,578	1,958	6,009	5,043
Ghazipur	12,367	-	608	32,012
Gonda	1,461	1,940	461	4,056
Gorakhpur	16,111	2,140	2,108	26,451

Hamirpur	262	-	210	3,498
Hapur	3,834	-	591	7,478
Hardoi	2,746	2280	708	5,174
Hathras	6,166	-	272	9,653
Jalaun	1,128	1780	174	5,612
Jaunpur	6,707	1940	1,152	24,862
Jhansi	5,057	-	1,414	13,620
Kannauj	2,242	-	119	2,735
Kanpur Dehat	2,351	1,900	966	3,993
Kanpur Nagar	11,259	2,220	2,498	15,661
Kasganj	4,816	-	214	5,784
Kaushambi	1,684	2041	143	4,782
Kheri	3,433	-	341	5,180
Kushinagar	4,400	-	293	6,681
Lalitpur	4,624	-	323	3,018
Lucknow	17,837	4633	11,500	15,812
Mahoba	815	-	210	2,992
Mahrajganj	5,914	-	320	4,611
Mainpuri	3,728	-	163	5,875
Mathura	26,500	-	575	23,381
Mau	7,339	2560	380	15,815
Meerut	10,338	-	2,185	10,071
Mirzapur	10,577	2178	475	13,715
Moradabad	15,698	-	1,577	7,333
Muzaffarnagar	6,767	-	605	5,467
Pilibhit	7,299	1960	358	3,285
Pratapgarh	2,953	2159	250	6,168
Prayagraj	12,782	4700	2,571	31,087
Rae Bareli	1,904	1700	500	5,268
Rampur	3,357	-	486	2,658
Saharanpur	14,550	1320	1,490	17,525
Sambhal	1,068	-	383	1,936
Sant Kabir Nagar	3,096	-	215	5,544
Shahjahanpur	6,331	1757	744	3,555
Shamli	1,888	-	144	3,513
Shrawasti	694	2516	115	861
Siddharthnagar	1,983	1880	176	1,832
Sitapur	3,563	-	499	4,650
Sonbhadra	10,557	2340	1,315	9,905
Sultanpur	2,751	1960	382	11,158
Unnao	982	2439	1,666	4,590
Varanasi	18,872	4500	2,931	18,183
Total	4,90,216	1,00,338	1,42,430	6,50,068

(Source: GOBARDhan portal)
