

**GOVERNMENT OF INDIA
MINISTRY OF COAL**

**RAJYA SABHA
UNSTARRED QUESTION NO. 836
ANSWERED ON 27.07.2026**

COAL GASIFICATION IN INDIA

**836. SMT. RANJEET RANJAN:
SMT. JEBI MATHER HISHAM:**

Will the Minister of COAL be pleased to state:

- (a) total installed and operational coal gasification capacity in the country since 2019-20, plant-wise and year-wise;
- (b) coal requirement for coal gasification and for chemical plants since 2019-20, plant-wise and year-wise;
- (c) product-wise current production from coal gasification and coal to chemical plants in the country, including synthetic gas, methane, synthetic natural gas, methanol, ammonia, ammonium nitrate, urea and other chemicals;
- (d) targets fixed and realised under the Coal Gasification Mission to achieve gasification of 100 million tonnes of coal by 2030 since 2021-22, year-wise; and
- (e) details of coal gasification projects currently under construction, tendered, awarded or proposed and expected date of Commissioning?

ANSWER

**MINISTER OF STATE FOR COAL AND MINES
(SHRI SATISH CHANDRA DUBEY)**

(a): Only one plant i.e. of Jindal Steel Limited (JSL), is an operational coal gasification plant in India and is located at Angul, Odisha with annual plant capacity of approximately 8 Million Tonnes Per Annum (MTPA).

However, one project by Talcher Fertilisers Limited (TFL) and eight projects approved by the Government of India are at various stages of implementation. Upon commissioning, these projects are expected to create an additional coal gasification capacity of approximately 14.6 Million Tonnes Per Annum (MTPA).

(b) & (c): The plant-wise coal requirement and corresponding production capacity of various coal gasification projects approved by the Government under the financial incentive scheme of 24.01.2024 are given below:

Sl. No.	Project / Company	State	End Product(s)	Plant Capacity	Coal Requirement
1.	Bharat Coal Gasification and Chemicals Limited (CIL-BHEL JV)	Odisha	Ammonium Nitrate	0.66 MMTPA	1.66 MMTPA

2.	Coal Gas India Limited (CIL-GAIL JV)	West Bengal	Synthetic Natural Gas	633.6 million Nm ³	1.93 MMTPA
3.	Coal India Limited (CIL-BPCL JV)	Maharashtra	Synthetic Natural Gas	633.6 million Nm ³	2.59 MMTPA
4.	Jindal Steel Limited	Odisha	Direct Reduced Iron	2 MMTPA	3.52 MMTPA
5.	Greta Energy & Metal Private Limited	Maharashtra	Direct Reduced Iron	0.5 MTPA	0.75 MMTPA
6.	New Era Cleantech Solution Private Limited (Large-scale Project)	Maharashtra	Ammonium Nitrate & Hydrogen	0.33 MTPA and 0.1 MTPA, respectively	1.65 MMTPA
7.	New Era Cleantech Solution Private Limited (Small-scale Project)	Maharashtra	Ethanol	18 KTPA	0.043 MMTPA
8.	Kartikay Vayunandana Private Limited.	Maharashtra	Acetic Acid	75.9 KTPA	0.1330 MMTPA

All these projects as well as the project of Talcher Fertilizers Ltd. (expected to consume ~2.6 MTPA coal) are at various stages of implementation/ obtaining clearances.

(d): India has set a target of achieving 100 Million Tonnes (MT) of coal gasification capacity by 2030. As of date, approximately 22.6 Million Tonnes Per Annum (MTPA) of coal gasification capacity is operational or under implementation, comprising:

- (i) Jindal Steel Limited (JSL): ~8 MTPA (operational)
- (ii) Talcher Fertilisers Limited (TFL): ~2.6 MTPA (under implementation)
- (iii) Projects approved under the ₹8,500 crore Financial Incentive Scheme of 24.01.2024: ~12 MTPA (under implementation)

To further augment coal gasification capacity, the Government recently, on 13.05.2026, has approved another Scheme for Promotion of Surface Coal/Lignite Gasification Projects with an outlay of ₹37,500 crore, which is expected to facilitate the establishment of around 25 coal/lignite gasification projects utilising approximately 75 MTPA of coal.

(e): The details of the coal gasification projects, approved under the Scheme for Promotion of Coal/Lignite Gasification are as under:

Sl. No.	Project/Company	Location	Present Status	Expected Commissioning
1.	Bharat Coal Gasification and Chemicals Ltd. (CIL-BHEL JV)	Lakhanpur, Odisha	Under construction; EPC contracts awarded	FY 2030

2.	Coal Gas India Ltd. (CIL-GAIL JV)	Bardhaman, West Bengal	Pre-construction; technology licensors selected and statutory clearances under progress	FY 2030
3.	Coal India Ltd. (CIL-BPCL JV)	Chandrapur, Maharashtra	Proposed; JV formation and project development activities under progress	FY 2030
4.	Jindal Steel Ltd.	Angul, Odisha	Under implementation	FY 2028
5.	Greta Energy & Metal Pvt. Ltd.	Chandrapur, Maharashtra	Under implementation	FY 2028
6.	New Era Cleantech Solution Pvt. Ltd. (Large-scale Project)	Chandrapur, Maharashtra	Under implementation	FY 2030
7.	New Era Cleantech Solution Pvt. Ltd. (Small-scale Project)	Chandrapur, Maharashtra	Under implementation	FY 2030
8.	Kartikay Vayunandana Pvt. Ltd.	Gadchiroli, Maharashtra	Project awarded; implementation activities in progress	Date not finalized

Expected completion of the project of Talcher Fertilizers Ltd. is in FY 2028 and the project is located in Talcher, Odisha.
