

**LOK SABHA**  
**UNSTARRED QUESTION No. 3002**  
**TO BE ANSWERED ON 06<sup>th</sup> August, 2026**

**EXPANSION OF NATIONAL GAS GRID AND CGD INFRASTRUCTURE**

3002. SHRI MANISH JAISWAL:  
SHRI MANOJ TIWARI:  
SHRI VIJAY BAGHEL:  
SHRI BHARTRUHARI MAHTAB:  
SHRI P P CHAUDHARY:  
SHRI DILIP SAIKIA:  
SMT. MAHIMA KUMARI MEWAR:  
SMT. KAMALJEET SEHRAWAT:  
DR. MANNA LAL RAWAT:  
SHRI JASHUBHAI BHILUBHAI RATHVA:  
SHRI KOTA SRINIVASA POOJARY:  
SMT. ANITA NAGARSINGH CHOUHAN:  
SHRI MAHENDRA SINGH SOLANKY:  
SHRI RAHUL SINGH LODHI:  
SHRI JANARDAN MISHRA:  
SHRI RAJKUMAR CHAHAR:  
SHRI KRISHNA PRASAD TENNETI:  
DR. SANJAY JAISWAL:  
SHRI CHAVDA VINOD LAKHAMSHI:  
SHRI CHANDRA PRAKASH CHOUDHARY

पेट्रोलियम और प्राकृतिक गैस मंत्री

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

- (a) whether the Government has reviewed the progress of the National Gas Grid and associated natural gas pipeline network across the country, if so, the details thereof including its present length, State-wise and in Dewas-Shajapur Parliamentary Constituency;
- (b) the details of natural gas pipeline projects sanctioned/under implementation/operational under the National Gas Grid and the progress made in expanding pipeline connectivity in the country and to previously unconnected regions, districts and industrial clusters, particularly in Madhya Pradesh, Rajasthan, Jharkhand and the Pali Parliamentary Constituency;
- (c) whether the Government has taken/proposes to take measures to expedite ongoing pipeline projects, strengthen inter-State connectivity, expand City Gas Distribution (CGD) infrastructure including Piped Natural Gas (PNG) and Compressed Natural Gas (CNG) facilities particularly in above States and in Delhi especially in North-East Delhi, the Ratlam–Jhabua–Alirajpur and Dewas–Shajapur Parliamentary Constituencies in view of its importance for Tribal/Industrial development in Madhya Pradesh along with the timeline, funds allocated and any special plan therein, if so, the details thereof; and
- (d) the expected impact of the expansion of the National Gas Grid and CGD network on industrial growth, clean energy adoption, employment generation, natural gas accessibility and the development of a gas-based economy in the country?

ANSWER

पेट्रोलियम और प्राकृतिक गैस मंत्रालय में राज्य मंत्री  
(श्री सुरेश गोपी)

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

(a) to (d) Petroleum and Natural Gas Regulatory Board (PNGRB) is the authority to grant authorization to various entities to Lay, build, operate and expand Natural Gas Pipelines (NGPL). As on March 2026, PNGRB has authorized approximately 33,027 Km of common carrier natural gas pipeline across the country to create a National Gas Grid. All the States and Union Territories, except Ladakh, Andaman & Nicobar Island and Lakshwadeep are covered by Natural Gas Pipeline Network authorized by PNGRB.

The details of the Common Carrier Natural Gas Pipeline network including the States of Madhya Pradesh, Rajasthan, and Jharkhand are enclosed as **Annexure-I**. In the Dewas - Shajapur Parliamentary Constituency of Madhya Pradesh, approximately 84.67 km of operational natural gas pipeline network is deployed under the National Gas Grid. This operational infrastructure comprises major trunk and spur lines, including sections of Hazira - Vijaipur (24.91 km), Dahej - Vijaipur (DVPL I) (24.93 km), Dahej - Vijaipur (DVPL II) (24.95 km), Sanwer - Dewas (8.52 km), Dewas - HR Johnson (1.30 km), and the HR Johnson - Roca spur line (0.07 km), providing robust natural gas connectivity across the constituency.

Providing Piped Natural Gas (PNG) connections and establishment of Compressed Natural Gas (CNG) stations is part of the development of City Gas Distribution (CGD) Network, which inter alia include creation of pipeline infrastructure and other facilities for the supply of PNG to domestic, commercial and industrial units and CNG to transport sector which is being carried out by the entities authorized by Petroleum and Natural Gas Regulatory Board (PNGRB). PNGRB has authorized entities for the development of CGD network in 309 Geographical Areas (GAs), covering the entire mainland area of the country. Details of CGD progress in the states of Madhya Pradesh, Rajasthan and Jharkhand and CGD progress in the Pali Parliamentary Constituency, North-East Delhi, Ratlam and Jhabua Districts, Alirajpur District, Dewas District and Shajapur District are given at **Annexure – II**.

No funds are sanctioned or allocated by Government for implementation of the CGD projects. The CGD infrastructure rollout and investments are made by the authorized CGD entity in accordance with the authorization granted by PNGRB and the approved project plan.

Government have taken various steps to expand access to natural gas to CNG (Transport)/ PNG (Domestic) sector in the country which inter-alia includes allocating domestic gas on priority basis, diverting domestic gas from non-priority sectors to meet requirement for CNG (T)/PNG(D) sector, expansion of CGD network, grant of public utility status to CGD projects, notification for supply of domestic gas through available mode (including cascade mode) for CNG(T)/PNG(D) purpose, allocating domestic natural gas for CNG(T) and PNG(D) segments on a two quarter advance basis, expansion of National Gas Grid Pipeline, setting up of Liquefied Natural Gas (LNG) Terminals, Sustainable Alternative Towards Affordable Transportation (SATAT) initiatives to promote Bio-CNG, etc.

PNGRB in collaboration with CGD entities, launched the National PNG Drive 2.0 from 1<sup>st</sup> January, 2026 to 30<sup>th</sup> June, 2026. Under the initiatives various measures have been implemented by the Government and authorized CGD entities which include:

- (i) Expansion of PNG connectivity to households, commercial establishments and industries;
- (ii) Conversion of connected households into active billed consumers;
- (iii) Awareness campaigns and consumer outreach programmes;
- (iv) Coordination with State Governments and local authorities for expeditious statutory permissions; and
- (v) Implementation of consumer-friendly measures, including digital registration, simplified connection processes and promotional schemes offered by CGD entities.

Government has also notified a comprehensive control order dated 24.03.2026 under the Essential Commodities Act, 1955 to facilitate time-bound expansion of pipeline infrastructure across the country, especially CGD. The order provides a uniform framework for grant of right of way (RoW) and permissions

by mandating strict timelines, enabling deemed approvals in case of delays, and prohibiting imposition of unauthorized charges by public authorities. It also addresses access issues in residential and private areas by ensuring non-discriminatory and time-bound permissions, thereby removing key bottlenecks in pipeline laying.

PNGRB has rationalized the Unified Tariff by reducing tariff zones from three to two and notified transportation tariffs of Rs. 54.00/MMBTU for Zone-1 (up to 300 Km) and Rs. 110.02/MMBTU for Zone-2 (beyond 300 Km), . Zone-1 tariff has been extended nationwide for CNG(T) and PNG(D), resulting in nearly 50% reduction in transportation charges for consumers beyond 300 Km.

The expansion of the natural gas pipeline grid has significantly improved access of natural gas for City Gas Distribution (CGD) networks, industries, power plants and households. As on 31.05.2026, the number of PNG Domestic connections has registered a substantial increase from 22 lakh in 2013-14 to approx.170 lakh currently, while the network of CNG stations has expanded from 783in 2013-14 to more than 8,900 currently. Furthermore, authorized entities have laid 6,71,387 Inch-Km pipeline across the country and provided 22,256 Industrial and 52,143 Commercial connections to support the clean energy transition in their respective Geographical Areas.

The expansion of the natural gas pipeline grid across the country has significantly increased adoption of natural gas which has played a crucial role in reducing India's dependence on conventional fossil fuels like coal and crude oil. Consumption of Natural Gas in the country has increased from approx 138 Million Metric Standard Cubic Meters per Day (MMSCMD) in 2014 to approx. 188 MMSCMD in 2025. With expanding pipeline and CGD network, use of CNG as transportation fuel in vehicles (due to its cost effectiveness and lower emissions) is increasing. Similarly, industries previously dependent on furnace oil and diesel are also progressively shifting to natural gas (mainly in the form of piped natural gas). Further, expansion of CGD infrastructure generates both direct and indirect employment opportunities through construction, operations, maintenance and allied services thereby supporting local employment and self-employment and leading to the development of a gas based economy.

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**ANNEXURE REFERRED TO IN REPLY TO PART (a) TO (d) OF LOK SABHA UNSTARRED QUESTION NO. 3002 TO BE ANSWERED ON 06.08.2026 REGARDING EXPANSION OF NATIONAL GAS GRID AND CGD INFRASTRUCTURE.**

**1. Operational Common Carrier Pipelines (As on 31.03.2026)**

| S. No.       | Name of Natural Gas Pipelines                                                                       | Entity | Auth. Length (KM) | Auth. Capacity (MMSCMD) | States from which Pipeline passes                                                  |
|--------------|-----------------------------------------------------------------------------------------------------|--------|-------------------|-------------------------|------------------------------------------------------------------------------------|
| 1            | Assam Regional Network                                                                              | GAIL   | 8                 | 2.50                    | Assam                                                                              |
| 2            | Cauvery Basin Network                                                                               | GAIL   | 240               | 4.33                    | Puducherry and Tamil Nadu                                                          |
| 3            | Hazira-Vijaipur-Jagdishpur -GREP (Gas Rehabilitation and Expansion Project)-Dahej-Vijaipur HVJ/VDPL | GAIL   | 6,169             | 111.3                   | Uttar Pradesh, Madhya Pradesh, Rajasthan, Gujarat, Haryana, Delhi, and Uttarakhand |
| 4            | Dahej-Vijaipur (DVPL)-Vijaipur-Dadri (GREP) Upgradation DVPL 2 & VDPL                               |        |                   |                         |                                                                                    |
| 5            | Kakinada-Hyderabad-Uran-Ahmedabad (East West Pipeline)                                              | PIL    | 1,459             | 85                      | Andhra Pradesh, Gujarat, Maharashtra, Telangana and Karnataka                      |
| 6            | Dahej-Uran-Panvel-Dabhol                                                                            | GAIL   | 920               | 22.5                    | Gujarat, Maharashtra, UT of Dadra & Nagar Haveli and Daman & Diu                   |
| 7            | KG Basin Network                                                                                    | GAIL   | 878               | 16                      | Andhra Pradesh                                                                     |
| 8            | Gujarat Regional Network                                                                            | GAIL   | 609               | 8.31                    | Gujarat                                                                            |
| 9            | Agartala Regional Network                                                                           | GAIL   | 55                | 2                       | Tripura                                                                            |
| 10           | Dadri-Panipat                                                                                       | IOCL   | 132               | 20                      | Haryana and Uttar Pradesh                                                          |
| 11           | Mumbai Regional Network                                                                             | GAIL   | 129               | 7.04                    | Maharashtra                                                                        |
| 12           | Uran-Trombay                                                                                        | ONGC   | 24                | 6                       | Maharashtra                                                                        |
| 13           | High Pressure Gujarat Gas Grid                                                                      | GSPL   | 2,860             | 44.8                    | Gujarat                                                                            |
| 14           | Hazira-Ankleshwar (HAPi)                                                                            | GGL    | 73                | 5.06                    | Gujarat                                                                            |
| 15           | Low Pressure Gujarat Gas Grid                                                                       | GSPL   | 58                | 12                      | Gujarat                                                                            |
| 16           | Shahdol-Phulpur                                                                                     | RGPL   | 312               | 3.50                    | Madhya Pradesh and Uttar Pradesh                                                   |
| 17           | Assam Regional Network                                                                              | AGCL   | 105               | 2.42                    | Assam                                                                              |
| 18           | Dukli-Maharajganj                                                                                   | GAIL   | 5.2               | 0.08                    | Agartala                                                                           |
| 19           | Uran-Taloja                                                                                         | DFPCL  | 42                | 0.70                    | Maharashtra                                                                        |
| 20           | Chainsa-Jhajjar-Hissar                                                                              | GAIL   | 455               | 35                      | Haryana, Rajasthan and Delhi                                                       |
| 21           | Dadri-Bawana-Nangal                                                                                 | GAIL   | 921               | 31                      | Punjab, Haryana, Uttar Pradesh, Uttarakhand, Delhi, and Himachal Pradesh           |
| <b>Total</b> |                                                                                                     |        | <b>15,454.2</b>   |                         |                                                                                    |

## 2. Under Construction Common Carrier Natural Gas Pipelines (As on 31.03.2026)

| S. No.       | Name of Natural Gas Pipelines | Name of Authorized Entity | Authorized Length (KM) | States from which Pipeline passes |
|--------------|-------------------------------|---------------------------|------------------------|-----------------------------------|
| 1            | Ennore-Nellore                | GTIL                      | 220                    | Andhra Pradesh, Tamil Nadu        |
| 2            | Kakinada-Vijayawada-Nellore   | IMC                       | 667                    | Andhra Pradesh                    |
| 3            | Kanai - Chhata - Panitar      | HPPL                      | 317                    | West Bengal                       |
| 4            | Hazaribagh-Ranchi             | IOCL                      | 71                     | Jharkhand                         |
| 5            | Gurdaspur-Jammu               | GAIL                      | 160                    | UT of Jammu & Kashmir, Punjab     |
| 6            | Kochi-Kanyakumari-Thoothukudi | IOCL                      | 425                    | Kerala, Tamil Nadu                |
| <b>Total</b> |                               |                           | <b>1,860</b>           |                                   |

## 3. Partially Commissioned Common Carrier Pipelines (As on 31.03.2026)

| S. No.       | Name of Natural Gas Pipelines                           | Entity | Auth. Length (KM) | States from which Pipeline passes                                                              |
|--------------|---------------------------------------------------------|--------|-------------------|------------------------------------------------------------------------------------------------|
| 1            | Mehsana Bhatinda                                        | GIGL   | 1,943             | Gujarat, Rajasthan, Haryana, Punjab                                                            |
| 2            | Bhatinda - Gurdaspur                                    | GIGL   | 261               | Punjab                                                                                         |
| 3            | Mallavaram - Bhopal - Bhilwara - Vijaipur               | GITL   | 1,881             | Andhra Pradesh, Telangana, Maharashtra, MP, Rajasthan, Gujarat                                 |
| 4            | Dabhol-Bangalore                                        | GAIL   | 1,414             | Maharashtra, Karnataka, Goa                                                                    |
| 5            | Kochi-Kootanad-Bangalore-Mangalore                      | GAIL   | 1,104             | Kerala, Tamil Nadu, Karnataka, UT of Puducherry                                                |
| 6            | Ennore-Tuticorin                                        | IOCL   | 1,431             | Tamil Nadu, Karnataka, Andhra Pradesh, UT of Puducherry                                        |
| 7            | Jagdishpur-Haldia-BokaroDhamra-Paradip-Barauni-Guwahati | GAIL   | 3,546             | Uttar Pradesh, Bihar, Jharkhand, West Bengal, Odisha, Assam                                    |
| 8            | North-East Natural Gas Pipeline Grid                    | IGGL   | 1,688             | Assam, Mizoram, Manipur, Arunachal Pradesh, Tripura, Nagaland, Meghalaya & Sikkim, West Bengal |
| 9            | Mumbai-Nagpur-Jharsuguda                                | GAIL   | 1,755             | Maharashtra, Madhya Pradesh, Chhattisgarh and Odisha                                           |
| 10           | Srikakulam-Angul                                        | GAIL   | 690               | Andhra Pradesh, Odisha                                                                         |
| <b>Total</b> |                                                         |        | <b>15,713</b>     |                                                                                                |

**Source: PNGRB**

## **GLOSSARY/ABBREVIATIONS USED IN THE PIPELINE DATA REPLIES**

| <b>Abbreviation</b> | <b>Full Form</b>                                          |
|---------------------|-----------------------------------------------------------|
| PNGRB               | Petroleum and Natural Gas Regulatory Board                |
| NGPL                | Natural Gas Pipeline                                      |
| MMSCMD              | Million Metric Standard Cubic Meters per Day              |
| KM                  | Kilometer                                                 |
| UT                  | Union Territory                                           |
| GAIL                | GAIL (India) Limited                                      |
| PIL                 | Pipeline Infrastructure Limited                           |
| IOCL                | Indian Oil Corporation Limited                            |
| ONGC                | Oil and Natural Gas Corporation Limited                   |
| GSPL                | Gujarat State Petronet Limited                            |
| GGL                 | Gujarat Gas Limited                                       |
| RGPL                | Reliance Gas Pipelines Limited                            |
| AGCL                | Assam Gas Company Limited                                 |
| DFPCL               | Deepak Fertilizers and Petrochemicals Corporation Limited |

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**ANNEXURE-II****ANNEXURE REFERRED TO IN REPLY TO PART (a) TO (d) OF LOK SABHA UNSTARRED QUESTION NO. 3002 TO BE ANSWERED ON 06.08.2026 REGARDING EXPANSION OF NATIONAL GAS GRID AND CGD INFRASTRUCTURE.**

CGD progress in the states of Madhya Pradesh, Rajasthan and Jharkhand (as on 31<sup>st</sup> May, 2026)

| State/UT       | PNG CONNECTIONS                |                                     |                                     | CNG CONNECTIONS        |
|----------------|--------------------------------|-------------------------------------|-------------------------------------|------------------------|
|                | Domestic Connections<br>(Nos.) | Commercial<br>Connections<br>(Nos.) | Industrial<br>Connections<br>(Nos.) | CNG Stations<br>(Nos.) |
| Jharkhand      | 1,96,415                       | 317                                 | 42                                  | 159                    |
| Madhya Pradesh | 3,36,953                       | 910                                 | 708                                 | 428                    |
| Rajasthan      | 5,44,070                       | 783                                 | 1,920                               | 499                    |

**Source: PNGRB**

CGD progress in the Pali Parliamentary Constituency, North-East Delhi, Ratlam and Jhabua Districts, Alirajpur District, Dewas District and Shajapur District as on 31<sup>st</sup> May, 2026 are as under:

| Name of the District | Geographical Area (GA)                              | Authorized Entity       | PNG (Domestic) Connections | CNG Stations |
|----------------------|-----------------------------------------------------|-------------------------|----------------------------|--------------|
| Pali                 | Ajmer, Pali and Rajsamand Districts GA              | IGL                     | 2,74,035                   | 80           |
| North-East Delhi     | NCT of Delhi GA                                     | IGL                     | 19,60,727                  | 458          |
| Ratlam and Jhabua    | Jhabua, Banswara, Ratlam and Dungarpur Districts GA | Gujarat Gas Limited     | 2,285                      | 32           |
| Alirajpur            | Alirajpur, Nandurbara and Barwani Districts GA      | Adani Total Gas Limited | 283                        | 18           |
| Dewas                | Dewas GA                                            | GAIL Gas Limited        | 40,503                     | 6            |
| Shajapur             | Raisen, Shajapur and Sehore Districts GA            | GAIL Gas Limited        | 11,769                     | 30           |

**Source: PNGRB**

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