

GOVERNMENT OF INDIA
MINISTRY OF PETROLEUM & NATURAL GAS

RAJYA SABHA
STARRED QUESTION NO. 82
ANSWERED ON 28.07.2025

NATIONAL GAS PIPELINE INFRASTRUCTURE IN KARNATAKA

*82. SHRI IRANNA KADADI:

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

- (a) the details of the total length of natural gas pipelines commissioned, functional and closed since 2023 and the planned expansions, particularly in the State of Karnataka, State-wise and year-wise;
- (b) the contribution of the natural gas pipeline in reducing India's dependence on coal and crude oil, thereby lowering carbon emissions;
- (c) the steps taken to ensure that natural gas pipeline infrastructure reaches underserved regions, particularly in the remote areas; and
- (d) whether Government has data on the revenue generated from natural gas transportation through pipelines, if so, the details of the revenue generated and plans to increase these State-wise?

ANSWER

MINISTER OF PETROLEUM AND NATURAL GAS
(SHRI HARDEEP SINGH PURI)

(a) to (d): A statement is laid on the Table of the House.

**STATEMENT REFERRED TO IN REPLY TO PARTS (A) TO (D) IN RESPECT OF
RAJYA SABHA STARRED QUESTION NO. 82 FOR REPLY ON 28.07.2025
REGARDING NATIONAL GAS PIPELINE INFRASTRUCTURE IN KARNATAKA
ASKED BY SHRI IRANNA KADADI.**

(a) to (c) Government have taken multiple steps to increase share of Natural gas in primary energy mix. This includes expansion of National Gas Grid Pipeline, expansion of City Gas Distribution (CGD) network, setting up of Liquefied Natural Gas (LNG) Terminals, allocation of domestic gas to Compressed Natural Gas (Transport) / Piped Natural Gas (Domestic) CNG(T)/PNG(D) as priority sector, allowing marketing and pricing freedom with a ceiling price to gas produced from high pressure/high temperature areas, deep water & ultra-deep water and from coal seams, etc.

Petroleum and Natural Gas Regulatory Board (PNGRB) is the authority to grant authorization to entities to Lay, build, operate and expand Natural Gas Pipelines (NGPL). As on 31.03.2025, PNGRB has authorized approximately 34,233 km (including 603 Km since 2023) of NGPL network which include common carrier, spur line, tie-in connectivity and dedicated pipeline across the country to various entities out of which 25,429 km (including 2771 Km since 2023) have been made operational. Details of operational, partially commissioned, and under construction NGPL are enclosed as Annexure.

Upon completion of balance 10459 km pipeline, which is under construction, the National Gas Grid will connect all major demand centres.

In Karnataka, total 1055 km NGPL has been completed and operational (including 109 Km since 2023) and 78 Km of NGPL is under construction. Status of pipelines in Karnataka is given below:

Pipeline Name	Operator	Approx. Length of NGPL traverses In Karnataka (in Km)	Remarks
Dabhol – Bengaluru Pipeline (DBPL)	GAIL (India) Limited	812	The pipeline traverses 812 Km in the State of Karnataka. The whole length of the pipeline in Karnataka is operational.
Kochi–Kootanad–Bangalore – Mangalore Pipeline (KKB MPL)	GAIL (India) Limited	131	The pipeline traverses 131 Km in the State of Karnataka, out of which 66 km of the pipeline is operational.
Kakinada-Hyderabad-Uran-Ahmedabad Natural Gas Pipeline (East West Pipeline)	Pipeline Infrastructure Limited	68	The pipeline traverses 68 Km in the State of Karnataka. The whole length of the pipeline in Karnataka is operational.
Ennore –Tuticorin-Bengaluru Pipeline (ETBPL)	Indian Oil Corporation Limited.	121	The pipeline traverses 121 Km in the State of Karnataka, out of which 108.4 km of the pipeline is operational.
Total		1055	

Further, supply and distribution of natural gas is also achieved through the development of City Gas Distribution (CGD) Network. After completion of 12/12A CGD bidding round, PNGRB has authorized entities for the development of CGD network in 307 Geographical Areas (GAs), covering almost 100% of the mainland area (including the state of Karnataka) for the development of CGD network across the country. As per Minimum Work Programme (MWP) targets provided by Petroleum and Natural Gas Regulatory Board (PNGRB), authorised entities have to provide approx. 12.6 crore PNG connections, establish 18,336 CNG Stations and 5.47 lakh inch Km pipeline by 2034. As on 31.05.2025, the authorized entities have provided more than 1.50 crore PNG Domestic (PNG (D)) connections, established more than 8000 CNG stations and laid over 5.9 lakh inch-km pipeline.

The increased adoption of natural gas has played a crucial role in reducing India's dependence on coal and crude oil. With expanding pipeline and CGD network, CNG used as transportation fuel in vehicles (due to its cost effectiveness and lower emissions) is increasing. This has correspondingly reduced the demand for petrol and diesel which are refined from crude oil. Similarly, industries previously dependent on furnace oil and diesel are also progressively shifting to natural gas (mainly in the form of piped natural gas). This has allowed India to diversify its energy mix thereby making it more resilient to global energy price fluctuations. The shift has also helped to reduce CO₂ emissions, a primary greenhouse gas, thereby improving air quality and aligning with India's commitment towards a more sustainable future. Further, the expansion of natural gas sector has a potential to contribute towards India's economic growth by creating new jobs, attracting investments and fostering innovation.

(d) The revenue from natural gas accrues to the Government at the point of production in the form of royalty. This was about Rs. 5700 crores in the Financial Year 2024-25. Revenue is also accrued through taxes at the point of sale including VAT, which was about Rs. 15640 Crores in Financial year 2023-24 and accrues to various State Governments. Earnings generated from natural gas transportation through pipelines is on the basis of tariff regulated by PNGRB and settled bilaterally between the entities transporting the natural gas and owner of the pipeline. Data in this regard is not compiled by Government.

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PARTS (A) TO (C) IN RESPECT OF RAJYA SABHA STARRED QUESTION NO. 82 FOR REPLY ON 28.07.2025 REGARDING NATIONAL GAS PIPELINE INFRASTRUCTURE IN KARNATAKA ASKED BY SHRI IRANNA KADADI.

Details		Length (Km)	Total (Km)
Authorized Natural Gas Pipelines	Common Carrier	32,661	34,233
	Tie-in connectivity	792	
	Dedicated	780	
Operational Natural Gas Pipelines	Common Carrier	24,009	25,429
	Tie-in connectivity	202	
	Dedicated	653	
	STPL	565	
Under Construction Natural Gas Pipelines	Common Carrier	9,194	10,459
	Tie-in connectivity	593	
	Dedicated	122	
	STPL	550	
The variation in the sum of the lengths of Operational and Under Construction Natural Gas Pipelines vis-à-vis the length of the Authorized pipelines are on account of one or more of the following factors: i Variation in As-Built length due to site conditions, ii Additional pipelines laid by the authorized entities for providing connectivity within the tariff corridor in line with the provisions of the NGPL Authorization Regulations, iii Length of the operational and Under Construction pipelines as above includes the available length of Sub-Transmission Pipelines (STPL) owned by CGD entities, etc. The above operational and under construction length of Natural Gas Pipelines includes the available length of Sub-Transmission Pipelines owned by the CGD entities.			

Source: PNGRB

List of Abbreviations used

AGCL	Assam Gas Company Limited	GIGL	GSPL India Gasnet Limited	MEIL	Megha Engineering & Infrastructure Limited
AGPKL PL	AGP Karaikal LNG Private Limited	GITL	GSPL India Transco Limited	MMSCMD	Million Metric Standard Cubic Meters per Day
APCPL	Astha Power Corporation Private Limited	GSPL	Gujarat State Petronet Limited	MSIPL	Maharaj Soaps Industry Private Limited
APGDC	Andhra Pradesh Gas Distribution Corporation Limited	HCGBPL	Haryana City Gas (Bhiwadi) Private Limited	ONGC	Oil and Natural Gas Corporation Limited
ATGL	Adani Total Gas Limited	HEPL	H-Energy Private Limited	OPaL	ONGC Petro addition Limited
BGL	Bhagyanagar Gas Limited	HNGPL	Haridwar Natural Gas Private Limited	PIL	Pipelines Infrastructure Limited
BGPL	Bhatinda – Gurdaspur NGPL	HPGGG	High Pressure Gujarat Gas Grid	RCIPL	Recasil Ceramics Industries Private Limited
BGRL	Bharat Gas Resources Limited	HPPL	Hooghly Pipelines Private Limited	RGPL	Reliance Gas Pipelines Limited
CGSML	Charotar Gas SahakariMandali Limited	HVJ	Integrated Hazira-Vijaipur-Jagdishpur NGPL	SCPL	Silica Ceramica Private Limited
CUGL	Central UP Gas Limited	IGGL	Indradhanush Gas Grid Limited	SEIL	Steel Exchange India Limited
DFPCL	Deepak Fertilizer and Petrochemical Corporation Ltd.	IGL	Indraprastha Gas Limited	SnGL	Sanwariya Gas Limited
DNPL	DNP Limited	IMC	IMC Limited	SPPL	Shahdol - Phulpur NGPL
DPPL	Dadri-Panipat NGPL	IOCL	Indian Oil Corporation Limited	TGPL	Torrent Gas Private Limited
ECCPL	East Coast Concessions Private Limited	IRMEPL	IRM Energy Private Limited	TGPuL	Torrent Gas Pune Limited
ECGDPL	East Coast Natural Gas Distribution Private Limited	IOAGPL	Indian Oil Adani Gas Private Limited	TPL	Torrent Power Limited
EOGEPL	Essar Oil and Gas Exploration and Production Limited	JMEPL	Jay Madhok Energy Private Limited led Consortium	UEPL	Unison Enviro Private Limited
GGL	Gujarat Gas Limited	KM	Kilometre	VGL	Vadodara Gas Limited
GGPL	Godavari Gas Private Limited	KRPEPL	Kei RSOS Petroleum & Energy Private Limited	WCPL	Western Concessions Private Limited

Operational Common Carrier Pipelines – As on 31.03.2025
(Authorised under Regulations 5/17/18 of the NGPL Authorization Regulations)

S. No.	Name of Natural Gas Pipelines	Entity	Date of Authorization	Auth. Length (KM)	Auth. Capacity (MMSCMD)	Operating Length (KM)	States from which Pipeline passes
1	Assam Regional Network	GAIL	04.11.2009	8	2.50	8	Assam
2	Cauvery Basin Network	GAIL	04.11.2009	240	4.33	242	Puducherry and Tamil Nadu
3	Hazira-Vijaipur-Jagdishpur -GREP (Gas Rehabilitation and Expansion Project)-Dahej-Vijaipur HVJ/VDPL	GAIL	19.04.2010	6,169	107.00	6732	Uttar Pradesh, Madhya Pradesh, Rajasthan and Gujarat, Haryana, Delhi and Uttarakhand
4	Dahej-Vijaipur (DVPL)-Vijaipur-Dadri (GREP) Upgradation DVPL 2 & VDPL		14.02.2011				
5	Kakinada-Hyderabad-Uran-Ahmedabad (East West Pipeline)	PIL	21.06.2019	1,459	85.00	1483	Andhra Pradesh, Gujarat, Maharashtra, Telangana and Karnataka
6	Dahej-Uran-Panvel-Dabhol	GAIL	10.05.2010	920	19.90	943	Gujarat, Maharashtra, UT of Dadra & Nagar Haveli and Daman & Diu
7	KG Basin Network	GAIL	12.05.2010	878	16.00	867	Andhra Pradesh
8	Gujarat Regional Network	GAIL	03.12.2010	609	8.31	585	Gujarat
9	Agartala Regional Network	GAIL	13.12.2010	55	2.00	65	Tripura
10	Dadri-Panipat	IOCL	05.01.2011	132	20.00	143	Haryana and Uttar Pradesh
11	Mumbai Regional Network	GAIL	14.03.2011	129	7.04	125	Maharashtra
12	Uran-Trombay	ONGC	03.05.2011	24.00	6.00	24.00	Maharashtra
13	High Pressure Gujarat Gas Grid	GSPL	27.07.2012	2860	31.00	2758	Gujarat
14	Hazira-Ankleshwar (HAPi)	GGL	05.07.2012	73	5.06	73	Gujarat
15	Low Pressure Gujarat Gas Grid	GSPL	19.03.2013	58	12.00	57	Gujarat
16	Shahdol-Phulpur	RGPL	11.07.2013	312	3.50	304	Madhya Pradesh and Uttar Pradesh
17	Assam Regional Network	AGCL	20.12.2013	105	2.42	107	Assam
18	Dukli – Maharajganj	GAIL	09.01.2014	5.20	0.08	0	Agartala
19	Uran-Taloja	DFPCL	21.10.2014	42.00	0.70	42.00	Maharashtra
20*	Chainsa-Jhajjar-Hissar	GAIL	13.12.2010	455	35.00	440	Haryana, Rajasthan and Delhi
21*	Dadri-Bawana-Nangal	GAIL	15.02.2011	921	31.00	998	Punjab, Haryana, Uttar Pradesh, Uttarakhand, Delhi, and Himachal Pradesh
Total				15,454		15,996	
*indicates that as per report submitted GAIL, Trunk line of Chainsa-Jhajjar-Hissar (CJHPL) and Dadri-Bawana-Nangal (DBNPL) pipeline have been commissioned. However, commissioning letter for CJHPL is still awaited and only spur lines are left in the DBNPL.							

(Source-PNGRB)

Partially Commissioned Common Carrier Pipelines– As on 31.03.2025
(Authorised under Regulations 5/17/18/21(3) of the NGPL Authorization Regulations)

S. No.	Name of Natural Gas Pipelines	Entity	Date of Auth.	Auth. Length (KM)	Authorized Capacity (MMSCMD)	Operating Length (KM)	Under Const. Length (KM)	States from which Pipeline passes
1	Mehsana - Bhatinda	GIGL	07.07.2011	1,940	80.11	1200	740	Gujarat, Rajasthan, Haryana, Punjab
2	Bhatinda - Gurdaspur	GIGL	07.07.2011	261	42.42	102	159	Punjab
3	Mallavaram - Bhopal - Bhilwara - Vijaipur	GITL	07.07.2011	1,881	78.25	364.00	1,517	Andhra Pradesh, Telangana, Maharashtra, MP, Rajasthan, Gujarat
4	Dabhol-Bangalore	GAIL	14.11.2011	1,414	16.00	1148	266	Maharashtra, Karnataka, Goa
5	Kochi-Koottanad-Bangalore-Mangalore	GAIL	31.05.2012	1,104	16.00	644	460	Kerala, Tamil Nadu, Karnataka, UT of Puducherry
6	Ennore-Tuticorin	IOCL	10.12.2015	1,431	84.67	1087	344	Tamil Nadu, Karnataka, Andhra Pradesh, UT of Puducherry
7	Jagdishpur-Haldia-BokaroDhamra-Paradip- Barauni-Guwahati	GAIL	29.01.2018	3,546	23.00	3272	274	Uttar Pradesh, Bihar, Jharkhand, West Bengal, Odisha, Assam
8	North-East Natural Gas Pipeline Grid	IGGL	17.11.2020	1,656	4.75	196*	1460	Assam, Mizoram, Manipur, Arunachal Pradesh, Tripura, Nagaland, Meghalaya & Sikkim, West Bengal
Total				13,233		8,013	5,220	

(Source-PNGRB)

*indicates that 196 km of the gas in as line pack in the Guwahati Numaligarh section (Ch 0.00 Km to ch 195.898 Km) under Phase-I of North East Gas Grid (NEGG).

Under Construction Common Career Natural Gas Pipelines AS ON 31.03. 2025
(Authorized under Regulations 5/17/18/21(3) of the NGPL Authorization Regulations and Section 42 of the PNGRB Act, 2006)

Sl. No.	Name of Natural Gas Pipelines	Name of Authorized Entity	Date of Authorization	Authorized Length (KM)	Authorized Capacity (MMSCMD)	Target date of Completion *	States from which Pipeline passes
1	Ennore- Nellore	GTIL	02.12.2014	220	36.00	April 2020	Andhra Pradesh, Tamil Nadu
2	Kakinada- Vijayawada- Nellore	IMC	19.02.2018	667	18.00	March 2024	Andhra Pradesh
3	Kanai - Chhata - Panitar	HPPL	08.07.2019	317	19.20	March 2024	West Bengal
4	Srikakulam-Angul	GAIL	23.07.2019	690	6.65	June 2025	Andhra Pradesh, Odisha
5	Mumbai-Nagpur- Jharsuguda	GAIL	15.05.2020	1755	16.50	March 2025	Maharashtra, Madhya Pradesh, Chhattisgarh and Odisha
6	Jamnagar to Dwarka (Gujarat)	GSPL	19.08.2021	100	3.00	August 2024	Gujarat
7	Hazaribagh-Ranchi	IOCL	09.02.2023	65	1.03	February 2026	Jharkhand
8	Gurdaspur-Jammu	GAIL	12.07.2023	160	3.10	July 2026	UT of Jammu & Kashmir, Punjab
Total				3,974			
Note:- * indicates that target date of completion is as per the authorization issued to the entity or such other date as extended by the Board.							

(Source: PNGRB)

Operational Tie-in connectivity– As on 31.03.2025
(Authorised under Regulations 21(1) of the NGPL Authorization Regulations)

S. No.	Name of Natural Gas Pipelines	Entity	Date of Authorization	Auth. Length (KM)	Auth. Capacity (MMSCMD)	Operating Length (KM)	States from which Pipeline passes
1	Jaigarh – Dabhol	WCPL	18.05.2015	60.00	29.00	60.00	Maharashtra
2	ONGCs WHI North Penugonda to GAH, Peravali SV station	KRPEPL	16.02.2016	7.80	0.05	7.80	Andhra Pradesh
3	ONGC's Madnam field to GAIL's Cauvery Basin Network at SV-2 (Memathur)	GAIL	21.12.2017	29	0.85	30	Andhra Pradesh
4	ONGC's S1-VA fields ex-Odalarevu to GAIL's KG Basin Network at SV-1, Bodaskurru	GAIL	09.01.2018	13.60	5.20	14	Andhra Pradesh
5	Suvali to HVJ/DVPL Network	GAIL	24.01.2017	7	2.00	10	Gujarat
6	ONGC's Bantumilli gas source field to GAIL's KG Basin Network	GAIL	21.12.2017	41	0.90	38	Andhra Pradesh
7	Vedanta Limited's Jaya Fields at Jambusar, Gujarat to South Gujarat Main subnetwork of GAIL's Gujarat Regional Network	GAIL	07.03.2022	18	0.1	18	Gujarat
8	ONGC's Bokaro CBM Block to SV-01A on Bokaro-Dharma Section of JHBDPL	GAIL	19.08.2021	23	0.99	24.3	Jharkhand
Total				199		202	

(Source-PNGRB)

Under Construction Tie-in connectivity (as on 31.03. 2025)
(Authorized under Regulations 21(1) of the NGPL Authorization Regulations)

S. No.	Name of Natural Gas Pipelines	Entity	Date of Auth.	Auth. Length (KM)	Authorized Capacity (MMSCMD)	Target date of Completion*	States from which Pipeline passes
1	ONGC's Odelarevu terminal, Mallavaram connecting KVNPL	IMC	06.09.2019	49.10	18.00	Sept 2022	Andhra Pradesh
2	GSPL's proposed Terminal at Petronet LNG Limited re-gasification expansion facilities, Dahej to GSPL's existing Terminal at Bhadbhut	GSPL	17.09.2019	36	14.77	May 2026	Gujarat
3	Proposed LNG Terminal at Karaikal Port to Chemplast/ PPCL on existing Narimanam - Kuthalam Natural Gas Pipeline Sub-Network of GAIL's Cauvery Basin Network	AGPKLPL	24.07.2020	8	2.00	July 2023	Tamil Nadu and UT of Puducherry
4	ONGC's Jharia CBM Block to SV-28 on Dobhi-Durgapur Section of JHBDPL	GAIL	19.08.2021	6	0.87	Mar 2025	Jharkhand
5	Swan LNG Private Limited's FSRU based LNG Terminal at Jafrabad to GPPC Terminal, Jafrabad falling on Darod-Jafrabad section of GSPL's HPGGG	GSPL	19.08.2021	3	18	Aug 2024	Gujarat
6	Swan LNG Private Limited's RLNG Terminal at Jafrabad to Hadala falling on Gana-Hadala section of GSPL's HPGGG	GSPL	31.12.2021	198	18	Dec 2024	Gujarat
7	Swan LNG Private Limited's RLNG Terminal at Jafrabad to GAIL's terminal at Dahej connecting to its integrated HVJ	GAIL	31.12.2021	170	7	Dec 2024	Gujarat
8	EPS 1 of Jharia Block I to SV-28 on Dobhi-Durgapur Section of JHBDPL	PEPL	28.10.2022	9	0.79	Oct 2025	Jharkhand

9	ONGC's Raniganj CBM Block to GAIL's JHBDPL Network	GAIL	30.11.2023	28.81	0.47	Nov 2026	West Bengal
10	HSEPL LNG Terminal at Chhara to GSPL's dispatch terminal at Londhpur	GSPL	17.09.2019	85	18	Dec 2022	Gujarat
	Total			593			

Note:- * indicates that target date of completion is as per the authorization issued to the entity or such other date as extended by the Board.

(Source: PNGRB)

Operational Dedicated Natural Gas Pipelines– As on 31.03.2025
(Authorised under Regulation 19 of the NGPL Authorization Regulations)

S. No.	Name of Natural Gas Pipelines	Entity	Date of Auth.	Auth. Length (Km)	Authorized Capacity (MMSCMD)	Operating Length (KM)	States from which Pipeline passes
1	Duliajan to Numaligarh	DNPL	26.03.2009	194.00	1.20	192.00	Assam
2	Esaar 's LP gas gathering header to Phillips Carbon Black Ltd. Durgapur	EOGEPL	03.11.2010	8.00	0.70	8.00	West Bengal
3	Essar's LP Gas Gathering Header to Graphite India Ltd in Durgapur	EOGEPL	12.08.2015	3.00	0.06	2.36	West Bengal
4	PLL Dahej Terminal to DGEN Power Plant, Dahej SEZ	TPL	27.08.2012	13.00	8.00	13.00	Gujarat
5	EPS Akoljoni - Sapna Chemical *	GAIL	14.12.2012	3.40	0.01	3.40	Gujarat
6	EPS Nanda - Supreme Glass	GAIL	14.12.2012	0.37	0.01	0.37	Gujarat
7	Dahej GGS to GACL P/L	GAIL	14.12.2012	11.25	0.22	12.12	Gujarat
8	GGS Olpad to CYA. & CHEM.	GAIL	14.12.2012	1.20	0.05	1.20	Gujarat
9	Jolwa EPS to Nahar P/L	GAIL	14.12.2012	0.85	0.04	0.85	Gujarat
10	Jolwa EPS to GACL (MDPE)	GAIL	14.12.2012	7.80	0.13	7.80	Gujarat
11	Kim EPS to Spire cera P/L (MDPE)	GAIL	14.12.2012	1.20	0.01	1.20	Gujarat
12	EPS Wasana - Universal Metal (Manglam Alloys)	GAIL	14.12.2012	0.61	0.01	0.61	Gujarat
13	Motera GGS - RIL Sughad	GAIL	14.12.2012	3.72	0.07	3.72	Gujarat
14	Kalol collector line T/O - BVM	GAIL	14.12.2012	1.70	0.02	1.70	Gujarat
15	EPS Nandasan - Nirma	GAIL	14.12.2012	4.97	0.01	4.97	Gujarat
16	EPS Nandasan - Sterling (N)	GAIL	14.12.2012	2.84	0.01	2.84	Gujarat
17	EPS Nandasan - Sterling (K)	GAIL	14.12.2012	0.52	0.02	0.52	Gujarat
18	EPS Wadu - Pioneer	GAIL	14.12.2012	0.35	0.01	0.35	Gujarat
19	Sanand GGS - Jalaram	GAIL	14.12.2012	1.17	0.03	1.17	Gujarat
20	Limbodara EPS - Akash	GAIL	14.12.2012	0.20	0.03	0.20	Gujarat
21	Nandasan EPS - Akik Tiles	GAIL	14.12.2012	2.40	0.01	2.43	Gujarat
22	Nallur - TNEB Thirumakkottai	GAIL	14.12.2012	9.80	0.77	10.21	Tamil Nadu
23	Nallur - PremChemco	GAIL	14.12.2012	0.185	0.12	0.21	Tamil Nadu
24	BVG-Neycer	GAIL	14.12.2012	16.55	0.02	16.32	Tamil Nadu

S. No.	Name of Natural Gas Pipelines	Entity	Date of Auth.	Auth. Length (Km)	Authorized Capacity (MMSCMD)	Operating Length (KM)	States from which Pipeline passes
25	AFL	GAIL	14.12.2012	1.70	0.10	1.71	Andhra Pradesh
26	Hitech	GAIL	14.12.2012	0.46	0.06	0.46	Andhra Pradesh
27	Steel Exchange	GAIL	14.12.2012	1.36	0.05	1.36	Andhra Pradesh
28	Dandewala - Gamnewala-RSEB Ramgarh	GAIL	14.12.2012	65.19	0.075 / 0.108	65.32	Rajasthan
29	Langtala to Ramgarh	GAIL	14.12.2012	86.21	0.12	88.00	Rajasthan
30	ONGC Kavitam to GAIL Kavitam SV Station	SCPL	27.08.2013	3.60	0.02	3.80	Andhra Pradesh
31	ONGC Kammapalem isolated well to GAIL SV terminal, Dindi in East Godavari	SEIL	09.01.2014	5.40	0.05	4.75	Andhra Pradesh
32	ONGC's CTF Ankleshwar isolated well to GAIL's Common Carrier South Gujarat Network interconnection point	RCIPL	20.05.2015	0.53	0.015	0.53	Gujarat
33	Bhadol Top to Torrent HaziraAkhakol	GSPL	05.08.2015	22.00	0.48	22.00	Gujarat
34	LANCO Kondapalli Pipeline -I	PIL	12.08.2015	12.00	2.00	12.00	Andhra Pradesh
35	Sonamura GCS to GMS-Monarchak	ONGC	12.08.2015	13.00	0.50	10.50	Tripura
36	ADB GCS to ONGC Colony Badarghat	ONGC	12.08.2015	11.00	0.03	10.79	Tripura
37	ONGC Hazira -KRIBHCO HP Pipeline	ONGC	12.08.2015	5.00	2.00	4.27	Gujarat
38	ONGC Hazira -KRIBHCO LP Pipeline		12.08.2015	5.00	1.00	4.86	Gujarat
39	Essar's Main Compressor Station in Raniganj (East) CBM Block to Matix Fertilizer and Chemicals Ltd (MFCL) in Durgapur	EOGEPL	12.08.2015	30.00	3.00	28.47	West Bengal
40	ONGC Poondi Fields to Maharaj Soaps Industry Private Limited	MSIPL	29.09.2020	0.20	0.002	0.26	Tamil Nadu
41	PLL's Dahej - Koyali Refinery Natural Gas Pipeline (DKPL)	IOCL	20.03.2020	106.00	5.23	106.0	Gujarat
Total				658		653	

(Source-PNGRB)

Under Construction Dedicated Natural Gas Pipelines (as on 31.03. 2025)
(Authorized under Regulations 19 of the NGPL Authorization Regulations)

S. No.	Name of Natural Gas Pipelines	Name of Authorized Entity	Date of Authorization	Auth. Length (KM)	Authorized Capacity (MMSCMD)	Target date of Completion	States from which Pipeline passes
1	INOLE to Pashamylaram	APCPL	14.12.2012	14.60	1.50	NA	Telangana
2	PLL Regasification Terminal, Dahej to SUGEN Power Plant	TPL	20.03.2020	90.00	6.50	NA	Gujarat
3	PLL to OPaL, Dahej	OPaL	20.03.2020	17.00	3.32	NA	Gujarat
Total				122			

(Source: PNGRB)

Operational Sub Transmission Pipelines (STPL)– As on 31.03.2025

S. No.	Unique GA ID	Geographical Area/ CGD Networks	Authorized CGD Entity	Operating STPL Length (KM)	Transmission PL from Tap-off taken	Transmission PL Entity
1	2.01	Chandigarh	IOAGPL	22.000	DBNPL	GAIL
2	2.02	Allahabad	IOAGPL	17.200	HVJ	GAIL
3	2.03	Jhansi	CUGL	8.45	VAPL	GAIL
4	4.06	UT of Daman	IOAGPL	15.600	DUPL-DPPL	GAIL
5	4.07	Amritsar District	GGL	4.8	BGPL	GIGL
6	4.08	Pune District (EAAA)	TGPL	0.198	DUPL-DPPL	GAIL
				1.710	EWPL	PIL
				0.927	EWPL	PIL
				0.565	EWPL	PIL
7	5.03	East Godavari District (EAAA)	GGPL	6.845	KG basin Network	GAIL
8	5.04	West Godavari District	GGPL	0.02	KG Basin Network	GAIL
				3.312		
				5.772		
				4.094		
				12.3		
9	5.05	Tumkur District	MEIL	2.75	DBPL	GAIL
				6.14		
				0.012		
10	5.06	Krishna District (EAAA)	MEIL	0.48	KG Basin Network	GAIL
11	5.08	Belgaum District	MEIL	0.25	DBPL	GAIL
12	6.13	Yamunanagar District	BPCL	2.30	DBNPL	GAIL
13	6.14	Ratnagiri District	UEPL	0.254	DBPL	GAIL
14	9.07	Diu & GirSomnath Districts	IRMEPL	6.48	HPGGG	GSPL
15	9.10	Navsari District (EAAA), Surat District (EAAA), Tapi District (EAAA) & the Dangs District	ATGL	17.8	HPGGG	GSPL
16	9.12	Kheda District (EAAA) & Mahisagar District	ATGL	0.74	HPGGG	GSPL
17	9.24	Chitradurga & Davanagere Districts	UEPL	0.14	DBPL	GAIL
18	9.58	Bhilwara & Bundi Districts	ATGL	0.88	HVJ	GAIL
19	9.59	Chittorgarh (Other than Rawatbhata	ATGL	0.45	HVJ	GAIL

S. No.	Unique GA ID	Geographical Area/ CGD Networks	Authorized CGD Entity	Operating STPL Length (KM)	Transmission PL from Tap-off taken	Transmission PL Entity
		Taluka) & Udaipur Districts				
20	9.70	Jangaon, JayashankarBhupalpally, Mahabubabad, Warangal Urban & Warangal Rural Districts	MEIL	1.319	MBBVPL	GITL
21	9.71	Medak, Siddipet&Sangareddy Districts	TGPL	17.4	EWPL	PIL
22	9.73	Nalgonda Suryapet&YadadriBhuvanagiri Districts	MEIL	2.8	EWPL	PIL
23	9.78	Amethi, Pratapgarh&Raebareli Districts	BPCL	0.75	HVJ	GAIL
24	9.79	Auraiya, Kanpur Dehat&Etawah Districts	TGPL	2.5	HVJ	GAIL
25	9.40	Latur&Osmanabad Districts	UEPL	11.865	EWPL	PIL
26	10.33	Hoshiarpur and Gurdaspur Districts	GGL	0.123	BGPL	GIGL
27	98.02	Surat, Bharuch, Ankleshwar	GGL	25.87	HAPi	GGL
				10.43	Mora-Sachin STPL	GGL CGD
				21.6	HAPi	GGL
				11.52	Connected with Sunpertro Source	GGL
				11	Connected with GAIL APM Source	GGL
28	98.08	Ahmedabad City and Daskroi Area	ATGL	0.38	HPGGG	GSPL
29	98.11	Anand area including Kanjari&Vadtal Villages (in Kheda District)	CGSML	6.2	HPGGG	GSPL
30	98.12	Bhiwadi District	Haryana City Gas (Bhiwadi) Private Limited	2.23	CJHPL	GAIL
31	99.18	Vadodara	VGL	0.423	HVJ	GAIL
				14.59		
				3.62		
				13.26		
				33.58		
32	99.04	Kanpur	CUGL	8.89	HVJ	GAIL

S. No.	Unique GA ID	Geographical Area/ CGD Networks	Authorized CGD Entity	Operating STPL Length (KM)	Transmission PL from Tap-off taken	Transmission PL Entity
33	99.09	Hyderabad	BGL	3.230	EWPL	PIL
34	96.04	Faridabad (Based on court order)	ATGL	0.55	HVJ	GAIL
35	96.07	Vadodara (Sub judice)	ATGL	0.36	HPGGG	GSPL
36	9.41	Sangli&Satara Districts	BPCL	0.09	DBPL	GAIL
37	10.40	Gonda and Barabanki Districts	TGPL	19.04	HVJ	GAIL
38	9.11	Junagadh District	TGPL	56	HPGGG	GSPL
39	9.56	Alwar (other than Bhiwadi) & Jaipur District	TGPL	2.43	MBPL	GIGL
40	9.62	Chennai and Thiruvallur Districts	TGPL	1.31	EMPL	IOCL
41	9.20	Nuh&Palwal Districts	ATGL	0.25	CJHPL	GAIL
42	9.08	Surendranagar District (EAAA) &Morbi District (EAAA)	ATGL	13.9	HPGGG	GSPL
43	9.16	Bhiwani, CharkhiDadri&Mahendragarh Districts	ATGL	0.2	CJHPL	GAIL
44	10.31	Jhansi (EAAA) District, Bhind, Jalaun, Lalitpur and Datia Districts	ATGL	3.8	HVJ	GAIL
45	10.12	Sirsa-Fatehabad-Mansa Districts	GGL	0.848	MBPL	GIGL
46	9.68	BhadradiKothagudem&Khamman Districts	MEIL	0.44	EWPL	PIL
47	9.72	Medchal-Malkajgiri, RangaReddy &Vikarabad Districts	MEIL	8.5	EWPL	PIL
				6.9		
48	10.29	Anuppur, Bilaspur and Korba Districts	ATGL	18.3	SPPL	RGPL
49	10.35	Jalore and Sirohi Districts	GGL	3.82	MBPL	GIGL
50	6.10	Anand District (EAAA)	GGL	2.68	HP-GGG	GSPL
51	9.29	Ramanagara District	MNGL	4.7	DBPL	GAIL
52	9.42	Sindhudurg District	MNGL	11.5	DBPL	GAIL
53	9.09	Barwala&Ranpur Talukas (C)	ATGL	0.65	HPGGG	GSPL

S. No.	Unique GA ID	Geographical Area/ CGD Networks	Authorized CGD Entity	Operating STPL Length (KM)	Transmission PL from Tap-off taken	Transmission PL Entity
54	11.40	Tarn Taran District	MEIL	21.5	JAPL	GIGL
55	11.46	Tiruvannamalai district	MEIL	0.132	DTPL	IOCL
56	11.10	Mungeli, Bemetara, Durg, Balod And Dhaamtari Districts	ATGL	0.1	MNJPL	GAIL
57	11.11	Jashpur, Raigarh, JanjgirChampa And Mahasamund Districts	ATGL	0.25	MNJPL	GAIL
58	11.43	Bhandara, Gondiya And Garchiroli Districts	ATGL	0.35	MNJPL	GAIL
59	9.72	Rangareddy	MCGDPL	8.5	EWPL	PIL
60	9.73	Nalgonda	MCGDPL	6.9	EWPL	PIL
61	11.20	Chikkaballapur	MCGDPL	2.8	EWPL	PIL
62	11.47	Perambalur	MCGDPL	0.1	ETPL	PIL
63	11.49	Thanjavur	MCGDPL	0.085	ETPL	IOCL
				0.075		
64	11.52	Dindigul	MCGDPL	0.11	ETPL	IOCL
65	11.58	Amroha	MCGDPL	1.51	HVJ	GAIL
66	9.29	Ramanagara	MNGL	4.7	DBPL	GAIL
67	9.39	Valsad (Except the area already authorized), Dhule&NashikDistricts	MNGL	2.7	MNJPL	GAIL
68.	9.21	Bilaspur, Hamirpur&UnaDistricts	BPCL	4.7	DBNPL	GAIL
69	9.26	Ballari&Gadag Districts	BPCL	0.1	DBPL	GAIL
70	9.48	Jagatsinghpur&KendraparaDistricts	BPCL	2.1	JHBDPL	GAIL
71	10.13	Chatra&Palamu Districts	BPCL	0.85	GAIL	GAIL
72	9.43	Angul&Dhekanal District	BPCL	4.2	JHBDPL	GAIL
Total				565		

(Source-PNGRB)

Under Construction Sub Transmission Pipeline (STPL) (as on 31.03.2025)

S. No.	Geographical Area/ CGD Networks	Authorized CGD Entity	STPL Length (KM)	Transmission PL from Tap-off taken	Transmission PL Entity
1	Jalandhar	JMEPL	4.00	DBNPL	GAIL
2	East Godavari District (EAAA)	GGPL	51.3	KG basin Network	GAIL
3	West Godavari District	GGPL	53.4	KG basin Network	GAIL
4	Udipi District	ATGL	3.1	KKMBPL	GAIL
5	Balasore, Bhadrak&Mayurbhanj Districts	ATGL	0.1	JHBDPL	GAIL
6	Puducherry District	ECNGDPL	8.00	ETBPNMTPL	IOCL
7	Cuddalore, Nagapattinam&Tiruvarur Districts	ATGL	0.2	ETBPNMTPL	IOCL
8	Amravati and Yavatmal District	ATGL	0.2	MNJPL	GAIL
9	Medak, Siddipet&Sangareddy Districts	TGPL	2	EWPL	PIL
10	Gumla, Latehar, Lohardaga, Simdega, Garhwa And Khunti Districts	ATGL	0.18	JHBDPL	GAIL
11	Kokrajhar, Dhubri, South Salmaramankachar& Goalpara Districts	ATGL	0.4	JHBDPL	GAIL
12	Baksa, Barpeta, Bongaigaon, Chirang, Nalbari& Bajali Districts	ATGL	0.15	JHBDPL	GAIL
13	Tikamgarh, Niwari, Chattarpur and Panna Districts	ATGL	0.6	HVJ	GAIL
14	Darbhanga, Madhubani, Supaul, Sitamarhi and Sheohar Districts	BPCL	74.3	JHBDPL	GAIL
15	Gopalganj, Siwan, West Champaran, East Champaran and Deoria (UP) Districts	BPCL	38.2	JHBDPL	GAIL
16	Fazilka (except area already authorized) (PB), Ganganagar (RJ) and Hanumangarh (RJ)	BPCL	62.7	DBNPL	GAIL

S. No.	Geographical Area/ CGD Networks	Authorized CGD Entity	STPL Length (KM)	Transmission PL from Tap-off taken	Transmission PL Entity
17	Purulia and Bankura Districts	BPCL	1	JHBDPL	GAIL
18	Alipurduar and Koch Bihar Districts	BPCL	1.5	JHBDPL	GAIL
19	LakhimpurKheri , Sitapur, Bahraich, Shravasti,Balrampur, Siddharth Nagar & Maharajganj Districts	BPCL	58.1	HVJPL & JHDPL	GAIL
20	Koria, Surajpur, Balrampur&Surguja Districts	BPCL	96	Shadol-Phulpur	RGPL
21	Nizamabad,Kamareddy,Nirmal,Adilabad, Mancherial and Asifabad GA	MNGL	95	EWPL	PIL
Total			550		

(Source: PNGRB)