

GOVERNMENT OF INDIA
MINISTRY OF PETROLEUM AND NATURAL GAS
RAJYA SABHA
UNSTARRED QUESTION NO-1890
ANSWERED ON-17/03/2025

STATUS OF NATURAL GAS PIPELINES

1890 SHRI SANJAY SETH:

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 2019, and the planned expansions, State-wise and year-wise, particularly for Uttar Pradesh;
- (b) the details of private sector partnership/investment or participation in the development of natural gas pipelines;
- (c) the contribution of natural gas pipeline in reducing country's dependence on coal and crude oil, thereby lowering carbon emissions;
- (d) the steps taken to ensure that natural gas pipeline infrastructure reaches underserved regions; and
- (e) whether Government has data on the revenue generated from natural gas transportation through pipelines, if so, the details of revenue generated, State-wise?

ANSWER

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS

(SHRI SURESH GOPI)

(a) to (d) The Government has set a target to raise the share of natural gas in energy mix from about 6% (currently) to 15% by 2030 to reduce the dependence on coal and crude oil. Natural Gas is considered to be a cleaner fossil fuel (vis-a-vis coal, crude oil) thereby contributing towards abating emissions. For this to happen, an extensive pipeline network is essential. As of 30.09.2024, approximately 24,945 km of Natural Gas Pipeline (NGPL) network - including common carrier, spur line, tie-in connectivity, and dedicated pipeline - across the country is operational and 10,805 km of pipeline is under construction. The details of the natural gas pipeline networks in India is at **Annexure-I**.

The details of the NGPL passing through the state of Uttar Pradesh are at **Annexure-II**. Further, the details of the private sector participation in the development of natural gas pipelines are at **Annexure-III**.

(e) No.

ANNEXURE REFERRED TO IN REPLY TO PART (a) TO (d) OF RAJYA SABHA UNSTARRED QUESTION NO. 1890 TO BE ANSWERED ON 17.03.2025 REGARDING STATUS OF NATURAL GAS PIPELINES.

Details		Length (Km)	Total (Km)
Authorized Natural Gas Pipelines	Common Carrier	31,903	33,475
	Tie-in connectivity	792	
	Dedicated	780	
Operational Natural Gas Pipelines	Common Carrier	23,573	24,945
	Tie-in connectivity	202	
	Dedicated	653	
	STPL	517	
Under Construction Natural Gas Pipelines	Common Carrier	9,528	10,805
	Tie-in connectivity	593	
	Dedicated	122	
	STPL	562	
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.			

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

Full Operational Common Carrier Pipelines – As on 30.09.2024
(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	6718	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	815	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	590	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	2,207	31.00	2665	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	2.428	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

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
21	Dadri-Bawana-Nangal	GAIL	15.02.2011	921	31.00	998	Punjab, Haryana, Uttar Pradesh, Uttarakhand, Delhi, and Himachal Pradesh
Total				14,696		15,894	

Full Operational Tie-in connectivity– As on 30.09.2024
(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	

Operational Dedicated Natural Gas Pipelines– As on 30.09.2024
(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 - Prem Chemco	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
25	AFL	GAIL	14.12.2012	1.70	0.10	1.71	Andhra Pradesh

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
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 Hazira Akhakol	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	

Operational Sub Transmission Pipelines (STPL)– As on 30.09.2024

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	2.40	DBPL	GAIL
				0.16		
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 & Gir Somnath 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 Taluka) & Udaipur Districts	ATGL	0.45	HVJ	GAIL
20	9.70	Jangaon, Jayashankar Bhupalpally, Mahabubabad, Warangal Urban & Warangal Rural Districts	MEIL	1.319	MBBVPL	GITL

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
21	9.71	Medak, Siddipet&Sangareddy District s	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	2.174	CJHPL	GAIL
31	99.18	Vadodara	VGL	0.423	HVJ	GAIL
				14.5923		
				3.62		
				13.26		
				33.58		
32	99.04	Kanpur	CUGL	8.89	HVJ	GAIL
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

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
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, Charkhi Dadri & 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	BhadradriKothagudem&Khamman Districts	MEIL	0.4	EWPL	PIL
47	9.72	Medchal-Malkajgiri, Ranga Reddy & 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	1.924	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
54	11.40	Tarn Taran District	MEIL	22.572	JAPL	GIGL
Total				517		

Under Construction Common Carrier Natural Gas Pipelines– As on 30.09.2024
(Authorised under Regulations 5/17/18/21(3) of the NGPL Authorization Regulations and Section 42 of the PNGRB Act, 2006)

[illegible]

Under Construction Tie-in connectivity– As on 30.09.2024
(Authorised 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	Aug 2024	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 PNGRB.

Under Construction Dedicated Natural Gas Pipelines– As on 30.09.2024
(Authorised 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 Re-gasification 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			

Under Construction Sub Transmission Pipeline (STPL) – As on 30.09.2024

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	Udupi 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	Bilaspur, Hamirpur & Una Districts	BPCL	4.7	GAIL	GAIL
11	Ballari&Gadag Districts	BPCL	0.1	GAIL	GAIL
12	Jagatsinghpur&Kendrapara Districts	BPCL	1.8	GAIL	GAIL
13	Chatra&Palamu Districts	BPCL	0.85	GAIL	GAIL
14	Angul&Dhekanal District	BPCL	4.2	JHBDPL	GAIL
15	Gumla, Latehar, Lohardaga, Simdega, Garhwa And Khunti Districts	ATGL	0.18	JHBDPL	GAIL
16	Kokrajhar, Dhubri, South Salmaramankachar&Goalpara Districts	ATGL	0.4	JHBDPL	GAIL
17	Baksa, Barpeta, Bongaigaon, Chirang, Nalbari&Bajali Districts	ATGL	0.15	JHBDPL	GAIL
18	Tikamgarh, Niwari, Chattarpur and Panna Districts	ATGL	0.6	HVJ	GAIL
19	Darbhanga, Madhubani, Supaul, Sitamarhi and Sheohar	BPCL	74.3	JHBDPL	GAIL

S. No.	Geographical Area/ CGD Networks	Authorized CGD Entity	STPL Length (KM)	Transmission PL from Tap-off taken	Transmission PL Entity
	Districts				
20	Gopalganj, Siwan, West Champaran, East Champaran and Deoria (UP) Districts	BPCL	38.2	JHBDPL	GAIL
21	Fazilka (except area already authorized) (PB), Ganganagar (RJ) and Hanumangarh (RJ)	BPCL	62.7	DBNPL	GAIL
22	Purulia and Bankura Districts	BPCL	1	JHBDPL	GAIL
23	Alipurduar and Koch Bihar Districts	BPCL	1.5	JHBDPL	GAIL
24	Lakhimpur Kheri , Sitapur, Bahraich, Shravasti,Balrampur, Siddharth Nagar &Maharajganj Districts	BPCL	58.1	HVJPL & JHDPL	GAIL
25	Koria, Surajpur, Balrampur&Surguja Districts	BPCL	96	Shadol-Phulpur	RGPL
26	Nizamabad,Kamareddy,Nirmal,Adilabad, Mancherial and Asifabad GA	MNGL	95	EWPL	PIL
Total			562		

Partially Commissioned Common Carrier Pipelines– As on 30.09.2024
(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)	Target date of Completion*	States from which Pipeline passes
1	Mehsana - Bhatinda	GIGL	07.07.2011	1,940	80.11	1200	740	December 2024	Gujarat, Rajasthan, Haryana, Punjab
2	Bhatinda - Gurdaspur	GIGL	07.07.2011	261	42.42	102	159	December 2024	Punjab
3	Mallavaram - Bhopal - Bhilwara - Vijaipur	GITL	07.07.2011	1,881	78.25	364.00	1,517	March 2020	Andhra Pradesh, Telangana, Maharashtra, MP, Rajasthan, Gujarat
4	Dabhol-Bangalore	GAIL	14.11.2011	1,414	16.00	1148	266	Feb 2013	Maharashtra, Karnataka, Goa
5	Kochi-Koottanad-Bangalore-Mangalore	GAIL	31.05.2012	1,104	16.00	644	460	November 2024	Kerala, Tamil Nadu, Karnataka, UT of Puducherry
6	Ennore-Tuticorin	IOCL	10.12.2015	1,431	84.67	1080	351	March 2025	Tamil Nadu, Karnataka, Andhra Pradesh, UT of Puducherry
7	Jagdishpur-Haldia-BokaroDhamra-Paradip- Barauni-Guwahati	GAIL	29.01.2018	3,546	23.00	3141	405	December 2024	Uttar Pradesh, Bihar, Jharkhand, West Bengal, Odisha, Assam
Total				11,577		7,679	3,898		

(Source-PNGRB)

Annexure-II

ANNEXURE REFERRED TO IN REPLY TO PART (a) TO (d) OF RAJYA SABHA UNSTARRED QUESTION NO. 1890 TO BE ANSWERED ON 17.03.2025 REGARDING STATUS OF NATURAL GAS PIPELINES.

Details of Operational Natural Gas Pipeline passing through the state of Uttar Pradesh							
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	Hazira-Vijaipur-Jagdishpur-GREP (Gas Rehabilitation and Expansion Project)-Dahej-Vijaipur HVJ/VDPL	GAIL	19.04.2010	6,169	107	6729	Uttar Pradesh, Madhya Pradesh, Rajasthan and Gujarat, Haryana, Delhi, and Uttarakhand
2	Dahej-Vijaipur (DVPL)-Vijaipur-Dadri (GREP) Upgradation DVPL 2 & VDPL		14.02.2011				
3	Dadri-Panipat	IOCL	05.01.2011	132	20	143	Haryana and Uttar Pradesh
4	Shahdol-Phulpur	RGPL	11.07.2013	312	3.5	304	Madhya Pradesh and Uttar Pradesh
5	Dadri-Bawana-Nangal	GAIL	15.02.2011	921	31	998	Punjab, Haryana, Uttar Pradesh, Uttarakhand, Delhi, and Himachal Pradesh
Total				7,534		8,174	

Details of Partially Commissioned Natural Gas Pipeline passing through the state of Uttar Pradesh									
S. No.	Name of Natural Gas Pipelines	Entity	Date of Auth.	Auth. Length (KM)	Authorized Capacity (MMSCMD)	Operating Length (KM)	Under Const. Length (KM)	Target date of Completion	States from which Pipeline passes
1	Jagdishpur-Haldia-BokaroDhamra-Paradip- Barauni-Guwahati	GAIL	29.01.2018	3,546	23.00	3270	276	July 2025	Uttar Pradesh, Bihar, Jharkhand, West Bengal, Odisha, Assam
Total				3,546		3,270	276		

(Source – PNGRB)

ANNEXURE REFERRED TO IN REPLY TO PART (a) TO (d) OF RAJYA SABHA UNSTARRED QUESTION NO. 1890 TO BE ANSWERED ON 17.03.2025 REGARDING STATUS OF NATURAL GAS PIPELINES.

Natural Gas Pipelines developed by private sectors

Details of Operational Natural Gas Pipelines							
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	Kakinada-Hyderabad-Uran-Ahmedabad (East West Pipeline)	PIL [#]	21.06.2019	1,459	85.00	1483	Andhra Pradesh, Gujarat, Maharashtra, Telangana, and Karnataka
2	Shahdol-Phulpur	RGPL	11.07.2013	312	3.50	304	Madhya Pradesh and Uttar Pradesh
Total				1,771		1,787	
Note:(i) Details as submitted by the entities (ii)Uran Taloja Natural Gas Pipeline has not been operational since 2013							
# The pipeline was initially authorised to RTGIL vide letter dated 19.03.2013. The name of the entity was subsequently amended to East West Pipeline Network vide letter dated 27.09.2018. Further, vide letter dated 22.03.2019, the authorization was transferred to Pipeline Infrastructure Private Limited, whose name was later amended to Pipeline Infrastructure Limited (PIL) vide letter dated 21.06.2019							

Details of Under Construction Natural Gas Pipeline								
S. 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	Status
1	Ennore-Nellore	GTIL	02.12.2014	220	36	April 2020	Andhra Pradesh & Tamil Nadu	Authorisation was cancelled vide PNGRB order dated 20.10.2022, which has been set aside by APTEL vide judgment dated 04.10.2023.
2	Kakinada-Vijayawada-Nellore	IMC	19.02.2018	667	18.00	March 2024	Andhra Pradesh	There is no progress. Further, PNGRB has initiated action in line with PNGRB regulation.
3	Kanai - Chhata - Panitar	HPPL	08.07.2019	317	19.20	March 2024	West Bengal	There is no progress. Further, PNGRB has initiated action in line with PNGRB regulation.
Total				1,204				

(Source – PNGRB)

