

**LOK SABHA**

**UNSTARRED QUESTION NO. 144**

**TO BE ANSWERED ON 30.11.2015**

**EXPANSION OF GAS PIPELINE PROJECT**

**144. SHRI RAVINDRA KUMAR PANDEY:  
SHRI KAUSHALENDRA KUMAR:**

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

पेट्रोलियम और प्राकृतिक गैस मंत्री

- (a) the details of the existing network of gas pipelines including industrial pipelines and its capacity to transport gas/LPG across the country;
- (b) whether the Government proposes to expand gas grid network/industrial pipelines across the country including Jagdishpur-Haldiya gas pipeline, State/UT-wise;
- (c) if so, the details thereof and investment made by public/private sector companies, the Status of ongoing projects including the steps taken to expedite the execution of the projects, State/UT/project-wise; and
- (d) whether the gas based industries have been badly affected due to non-availability of gas/lack of pipelines network across the country and if so, the details thereof and the action plan prepared for the purpose?

**ANSWER**

पेट्रोलियम और प्राकृतिक गैस मंत्रालय में राज्य मंत्री (स्वतंत्र प्रभार)

(श्रीधर्मेंद्रप्रधान)

**MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF  
PETROLEUM & NATURAL GAS (SHRI DHARMENDRA PRADHAN)**

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(a): The details of existing network of gas pipelines including industrial pipelines and its capacities to transport gas/LPG across the country is given at **Annexure-I**.

(b) & (c): At present, the country is having about 15,000 kms of natural gas pipeline infrastructure and an additional 15,000 kms of pipeline is required for completion of National Gas Grid. Out of this additional 15,000 kms, PNGRB/Government of India has authorized entities for laying of about 11,900 kms of pipelines and 1175 kms of pipeline is pending for award due to court case pending before the Hon'ble Supreme Court in respect of Ennore-

Bengaluru-Puducherry-Nagapattinam-Madurai-Tuticorin natural gas pipeline. Further, in order to complete the national gas grid, Ministry has identified 3 pipeline sections having a total length of about 2500 kms for development through PPP mode with Viability Gap Funding Scheme of Ministry of Finance through Indian Infrastructure Project Development Fund (IIPDF). GAIL has been appointed as the “Sponsoring Authority” for development of Ranchi-Talcher-Paradip pipeline as a pilot project under PPP mode with Viability Gap Funding. The detailed status of ongoing gas pipeline projects is given at **Annexure-II**.

(d): The actual gas demand is price sensitive and total gas consumption during 2014-15 was 116.78 MMSCMD (73.93 MMSCMD domestic and 42.85 MMSCMD R-LNG). Further, in order to enhance availability of natural gas in the country, Government has taken several steps which inter alia include the following:

- i. Intensification of domestic Exploration & Production (E&P) activities through New Exploration Licensing Policy (NELP) rounds;
- ii. Shale Gas Policy framework;
- iii. Research and development of Gas Hydrate resources in the country;
- iv. Import of Liquefied Natural Gas (LNG) from various countries;
- v. Transnational pipelines viz., Turkmenistan-Afghanistan-Pakistan-India (TAPI) pipeline and Iran-Pakistan-India(IPI) pipeline;
- vi. Clearance for exploration and development of some NELP blocks where the same was held up by various agencies; and
- vii. Exploration in the Mining Lease Area has been allowed with certain conditions.
- viii. Acquisition of Overseas Oil and Gas assets is being pursued in order to enhance energy security for the country.

Apart from above the Cabinet Committee on Economic Affairs (CCEA), in its meeting dated 25.03.2015 and 31.03.2015 has approved the policy to revive and improve utilization of the stranded gas based power generation capacity and pooling of gas in fertilizer (urea) Sectors. The former has made R-LNG based power generation commercially viable for idle/ stranded gas based power plants.

The pooling of gas in fertilizer sector has enabled fertilizer plants to increase production of

urea.

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**ANNEXURE-I REFERRED IN REPLY TO PART (a) OF LOK SABHA UNSTARRED QUESTION NO. 144 TO BE ANSWERED ON 30.11.2015 REGARDING EXPANSION OF GAS PIPELINE PROJECT**

<b>Details of Existing Pipelines supplying Natural Gas to Industries and others</b>				
<b>S. No.</b>	<b>Name of the Natural Gas Pipeline</b>	<b>Name of Entity</b>	<b>Capacity (MMSCMD)</b>	<b>Length (Km.)</b>
1	Hazira-Vijaipur-Jagdishpur -GREP (Gas Rehabilitation and Expansion Project)-Dahej-Vijaipur HVJ/VDPL	GAIL(India) Limited	57.3	4658.5
2	Dahej-Vijaipur (DVPL)-Vijaipur-Dadri (GREP) Upgradation DVPL2 & VDPL	GAIL(India) Limited	54	1118.73
3	Uran-Trombay	Oil and Natural Gas Corporation Limited	6	24
4	Dahej-Uran-Panvel-Dhabhol	GAIL(India) Limited	19.9	875
5	Agartala regional network	GAIL(India) Limited	2	55.4
6	Mumbai regional network	GAIL(India) Limited	7	128.68
7	Assam regional network	GAIL(India) Limited	2.5	7.83
8	K.G. Basin network(+RLNG+RIL)	GAIL(India) Limited	16	877.86
9	Gujarat regional network(+RLNG+RIL)	GAIL(India) Limited	8.31	608.82
10	Cauvery Basin network	GAIL(India) Limited	4.33	278.15
11	DukliMaharajganj (Earlier-Agartala)	GAIL(India) Limited	0.26	5.2
12	EWPL (Kakinada-Hyderabad-Uran-Ahmedabad)	Reliance Gas Transportation Infrastructure Limited	95	1480
13	GSPL's High Pressure Gujarat Gas Grid network	Gujarat State Petronet Limited	31	2120.62
14	GSPL's Low Pressure Gujarat Gas Grid network	Gujarat State Petronet Limited	12	70.1
15	Hazira-Ankleshwar	Gujarat Gas Company Limited	5.06	73.2
16	Dadri-Panipat	Indian Oil Corporation Limited	9.5	140.413
17	AGCL's Assam regional network	Assam Gas Company Limited (3 pipeline sections)	2.428	104.73

18	Uran-Taloja	Deepak Fertilizer & Petrochemicals Corp. Ltd.	0.7	42
19	Dadri-Bawana-Nangal*	GAIL(India) Limited	31	810.427
20	Chhainsa-Jhajjar-Hissar*	GAIL(India) Limited	35	265.02
21	Dabhol-Bangalore*	GAIL(India) Limited	16	1004.14
22	Kochi-Koottanad-Bangalore-Mangalore*	GAIL(India) Limited	16	41
* Partly Commissioned			<b>431.288</b>	<b>14789.82</b>

(Source: PNGRB)

**ANNEXURE-II REFERRED IN REPLY TO PART (b) & (c) OF LOK SABHA UNSTARRED QUESTION NO. 144 TO BE ANSWERED ON 30.11.2015 REGARDING EXPANSION OF GAS PIPELINE PROJECT**

**Details of Proposed Natural Gas Pipelines Projects under Gas Grid network**

S. No.	Name of the Natural Gas Pipeline	Name of Entity	Length (KM)	Projected Capex (Rs. in Crore)	Committed Expenditure (Rs. in Crore)	Present Status
1	JagdishpurHaldia Pipeline	GAIL (India) Limited	1847	11,000	13.5	Phase-I of the Project of about 755 Km is under development. Project is expected to be completed by 2018-19.
2	ShahdolPhulpur Pipeline	Reliance Gas Pipelines Limited	312	1302	925	As per schedule. Expected by 2016.
3	Kakinada VizagSrikakulam	AP Gas Distribution Corporation	391	1016	472 (for Phase-1)	As per schedule Expected by 2017.
4	Mallavaram Bhopal Bhilwara via Vijaipur	GSPL India Transco Limited	2042	7255	144	Survey & DFR work completed.100% RoU notification for mainline (1881 Kms). Expected by end of 2017
5	MehsanaBhatinda	GSPL India Gasnet Limited	2052	6864*	187	Survey & DFR work completed.RoU notification completed in state of Gujarat, Rajasthan and Punjab. Work in other State in progress. Expected by 2017.
6	Bhatinda Jammu Srinagar	GSPL India Gasnet Limited	725	1520*		
7	SuratParadip	GAIL (India) Limited	2112	10281	1.52	Project is Expected by 2019-20 in synchronization with gas sources development.
8	Ennore Nellore	KEI-RSOS Petroleum and Energy Pvt. Ltd.	430	625	12	As per schedule. Expected by 2017.
9.	Ennore-Bengaluru-Puducherry-	-	1175	-	-	Process of granting Authorization is on hold

	Nagapattinam-Madurai-Tuticorin					due to a legal case.
10	Ranchi-Talcher-Paradip	To be developed under VGF Scheme in PPP.	520	-	-	MoP&NG has appointed GAIL as the Sponsoring Authority to implement the project under PPP mode.
11	Barauni-Guwahati-Agartala		~1300	-	-	Subject to success of Pilot project (Ranchi-Talcher-Paradip pipeline), these pipelines will be considered in PPP.
12	Haldia-Paradip/Srikakulam		~500/700	-	-	
13	Kochi-Koottanad-Bangalore-Mangalore	GAIL	1062	2915	-	Phase-I of project commissioned. Phase-II construction work is on hold due to RoU issues. Work in the State of Kerala has resumed. Matter for RoU in the State of Tamilnadu is sub-judice before Hon'ble Supreme Court.
14	Spurline of Dadri-Bawana-Nangal	GAIL (India) Limited	100	-	-	Trunk line has been Commissioned.Spurlines are under-construction in synchronization with customer readiness. .
15	Spurlines of Chhainsa-Jhajjar-Hissar		193	-	-	
16	Spurlines of Dabhol-Bangalore		410	-	-	

Note: \*as per bid submitted to PNGRB.

### Details of Existing LPG Pipelines

<b>S.N.</b>	<b>Name of LPG Pipeline</b>	<b>Entity</b>	<b>Capacity (MMTPA)</b>	<b>Length (KM)</b>
1	Panipat-Jalandhar LPG P/L	IOCL	0.70	274
2	Jamnagar-Loni LPG Pipeline	GAIL	2.50	1415
3	Vizag-Secunderabad LPG P/L	GAIL	0.74	623
<b>TOTAL:</b>			<b>3.94</b>	<b>2312</b>

(Source: PNGRB)



