

LOK SABHA

STARRED QUESTION NO. 8

TO BE ANSWERED ON 25.4.2016

NATURAL GAS PIPELINE INFRASTRUCTURE

*** 8. SHRI DUSHYANT SINGH:**

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

पेट्रोलियम और प्राकृतिक गैस मंत्री

- (a) the details of the existing design capacity and length of natural gas pipeline infrastructure network in the country, State/UT/project-wise;
- (b) whether the Government proposes to expand design capacity and length of pipeline structure during the 12th Five Year Plan and if so, the details thereof along with the time by which it is likely to be accomplished and if not, the reasons therefor;
- (c) whether there has been a greater concentration of these pipeline networks in the western parts followed by southern and northern parts of the country; and
- (d) if so, the details thereof and the measures taken by the Government to balance and improve the Natural Gas Pipeline infrastructure in eastern and north-eastern regions of the country?

ANSWER

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

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

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

**STATEMENT REFERRED IN REPLY TO PARTS (a) to (d) OF THE LOK SABHA
STARRED QUESTION NO.8 ASKED BY SHRI DUSHYANT SINGH, MP TO BE
ANSWERED ON APRIL 25, 2016**

(a): Over the last 30 years, Natural gas pipeline infrastructure in the country is being developed in synchronization with the development of gas sources (domestic + Imported LNG) and existing/upcoming projects of major gas consuming sectors i.e. fertilizer, power, LPG manufacturing, Refinery, Petrochemical, Steel, other industrial units and City Gas Distribution (CGD) sector. At present, Country is having about 15000 Km long Natural Gas pipeline network in operation. The details of existing gas pipelines is at **Annexure-I**.

(b): Yes Madam, Government has envisaged to develop another 15000 Km of pipeline network in order to form a National Gas Grid. Out of this envisaged additional pipeline network, Government/PNGRB has already authorized entities to construct about 13000 Km long pipelines. The details of the approved pipelines which are under implementation along with their schedule of completion is at **Annexure-II**.

(c) & (d): Yes, Madam. It is evident from the attached list of existing gas pipeline infrastructure that there is a greater concentration of the existing gas pipeline networks in the western parts followed by southern and northern parts of the country. In order to improve the gas pipeline infrastructure across the country, Government has envisaged to develop another 15000 Km of pipeline to form a National Gas Grid. In the eastern part of country, Government has authorized GAIL to develop Jagdishpur-Haldia Gas Pipeline (JHPL) project along with Bokaro-Ranchi-Angul-Paradeep section. The construction work on JHPL has been commenced in September 2015 and the phase-I of the project is expected to be completed by 2018-19. The Government has also envisaged to connect the North eastern region of the country with the pipeline link of JHPL and the same may be taken up in future after completion of the JHPL project.

ANNEXURE-I REFERRED IN REPLY TO PART (a) OF LOK SABHA STARRED QUESTION NO. 8 TO BE ANSWERED ON 25.4.2016 REGARDING NATURAL GAS PIPELINE INFRASTRUCTURE

Details of Existing Natural Gas Pipelines					
S. No.	Name of the Natural Gas Pipeline Network	Name of Entity	Length (km)	System Capacity (MMSCMD)	States covered
1	Hazira-Vijaipur-Jagdishpur -GREP-Dahej-Vijaipur	GAIL(India) Limited	4222	53	Gujarat, Madhya Pradesh, Uttar Pradesh & Rajasthan
2	Dahej-Vijaipur (DVPL)-Vijaipur-Dadri (GREP) Upgradation	GAIL(India) Limited	1280	54	Gujarat, Madhya Pradesh, Uttar Pradesh & Rajasthan
3	Uran-Trombay	Oil and Natural Gas Corporation Limited	24	6	Maharashtra
4	Dahej-Uran-Panvel-Dhabhol	GAIL(India) Limited	815	19.9	Gujarat, Maharashtra
5	Agartala regional network	GAIL(India) Limited	55.4	2	Tripura
6	Dukli-Maharajganj pipeline	GAIL(India) Limited	5.2	0.26	Tripura
7	Mumbai regional network	GAIL(India) Limited	125	7	Maharashtra
8	Assam regional network	GAIL(India) Limited	8	2.5	Assam
9	K.G. Basin network	GAIL(India) Limited	878	16	Andhra Pradesh
10	Gujarat regional network	GAIL(India) Limited	609	8.31	Gujarat
11	Cauvery Basin network	GAIL(India) Limited	241	4.33	Tamil Nadu & UT of Puducherry

12	EWPL (Kakinada-Hyderabad-Uran-Ahmedabad)	Reliance Gas Transportation Infrastructure Limited	1460	95	Andhra Pradesh, Karnataka, Maharashtra & Gujarat
13	GSPL's High Pressure Gujarat Gas Grid network	Gujarat State Petronet Limited	2100	31	Gujarat
14	GSPL's Low Pressure Gujarat Gas Grid network	Gujarat State Petronet Limited	58	12	Gujarat
15	Hazira-Ankleshwar	Gujarat Gas Company Limited	73	5.06	Gujarat
16	Dadri-Panipat	Indian Oil Corporation Limited	132	9.5	Uttar Pradesh & Haryana
17	AGCL's Assam regional network	Assam Gas Company Limited	105	2.428	Assam
18	Uran-Taloja	Deepak Fertilizer & Petrochemicals Corp. Ltd.	42	0.7	Maharashtra
19	Dadri-Bawana-Nangal	GAIL(India) Limited	800*	31	Uttar Pradesh, NCT of Delhi, Haryana, Punjab & Uttarakhand (\$)
20	Chhainsa-Jhajjar-Hissar	GAIL(India) Limited	262*	35	Haryana & Rajasthan
21	Dabhol-Bangalore	GAIL(India) Limited	1004*	16	Maharashtra, Karnataka & Goa
22	Kochi-Koottanad-Bangalore-Mangalore	GAIL(India) Limited	42*	16	Kerala (\$)
		Total:	14341	427	

* Commissioned length of the pipeline so far

\$ State(s) covered through pipeline so far

ANNEXURE-II REFERRED IN REPLY TO PART (b) OF LOK SABHA STARRED QUESTION NO. 8 TO BE ANSWERED ON 25.4.2016 REGARDING NATURAL GAS PIPELINE INFRASTRUCTURE

The approved gas pipelines which are under implementation

S. No.	Name of Pipeline	Name of Entity	Length (Kms.)	Capacity (MMSCMD)	Scheduled Completion
1	Jagdishpur-Haldia	GAIL (India) Ltd	1847	16	Dec.2018 (ph-1)
2	Bokaro-Ranchi-Talcher-Paradip	GAIL (India) ltd	550	4	-
3	Kochi-Koottanad-Bangalore-Mangalore (Ph-II)	GAIL (India) Limited	1063	16	-
4	Surat Paradip	GAIL (India) Limited	2112	74.81	-
5	Shahdol - Phulpur	Reliance Gas Pipelines Limited	312	3.5	Jun-16
6	Kakinada - Vizag - Srikakulam	AP Gas Distribution Corporation	391	90	Jul-17
7	Mallavaram - Bhopal - Bhilwara via Vijaipur	GSPL India Transco Limited	2042	76.25	Dec-17
8	Mehsana - Bhatinda	GSPL India Gasnet Limited	2052	77.11	Dec-17
9	Bhatinda - Jammu - Srinagar	GSPL India Gasnet Limited	725	42.42	Dec-17
10	Ennore - Nellore	Gas Transmission India Pvt. Ltd.	430	36	Dec. 2017
11	Tie-in connectivity to the proposed Jaigarh LNG Terminal	H-Energy Gateway Pvt. Ltd.	60	29	2018
12	Ennore-Thiruvallur-Bengluru-Puducherry-Nagapatinam-Madurai-Tuticorin	Indian Oil Corporation Ltd.	1385	84.67	Dec.2018
13	spur lines of Dadri-Bawana-Nangal	GAIL (India) ltd	86	-	main trunk lines has been commissioned. These spur lines will be developed with the readiness of
14	spur lines of Chhainsa-Gurgaon-Jhajjar-Hisar	GAIL (India) ltd	193	-	
15	spur lines of Dabhol-Bangalore	GAIL (India) ltd	410	-	

				gas customers.
Total			13658	549.76