

**LOK SABHA
UNSTARRED QUESTION NO. 4955**

TO BE ANSWERED ON 26.03.2018

DEMAND AND SUPPLY OF GAS

**4955. SHRI SANJAY DHOTRE:
SHRI RAHUL SHEWALE:
SHRI BHARTRUHARI MAHTAB:
SHRI RAHUL KASWAN:
DR. P. VENUGOPAL:**

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

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(a) whether there is a gap between demand and supply of gas and gas pipeline network for the gas based industries in the country during the last three years and the current year and if so, the details thereof and the reasons therefor, State/UT-wise;

(b) the details of the existing gas pipelines network and proposed expansion of the said network for the gas based industries across the country, project/ company-wise;

(c) whether GAIL had placed pipe supply orders of 400 kilometre pipeline of the PradhanMantriUrja Ganga gas pipeline project to carry fuel to eastern parts of the country if so, the details thereof along with the present status and time line fixed for completion of the said project;

(d) whether the Government has conducted any study to ascertain the impact of such shortage of gas on the profitability of the industries and if so, the details and outcome thereof and if not, the reasons therefor along with the number of gas based industries shut down and persons lost their employment during the said period, State/UT-wise; and

(e) whether the Government has made/ proposes to make an action plan to meet the requirement of installed network of pipeline infrastructure for the established oil, petroleum refinery in Rajasthan and bring all the public sector oil undertakings together for laying the said pipeline and if so, the details thereof along with the steps taken in this regard?

ANSWER

पेट्रोलियम और प्राकृतिक गैस मंत्री (श्री धर्मनद्रप्रधान)

MINISTER OF PETROLEUM & NATURAL GAS (SHRI DHARMENDRA PRADHAN)

(a): The gas demand is being met through the supply of domestic gas and imported Liquefied Natural Gas (LNG). LNG is imported under open general license on the terms and conditions mutually agreed upon between the buyers and sellers. The details of consumption of natural gas during last 3 years and current year in the country is mentioned at **Annexure-I**.

(b): The details of operating natural gas pipelines and under construction natural gas pipelines are at **Annexure-II** and **Annexure- III**.

(c): Subsequent to earlier orders of line pipes placed by GAIL (India) Ltd. for Jagdishpur Haldia Bokaro Dhamra Pipeline (JHBDPL), additional orders of approx. 586 Km Line Pipe (including approx. 400 Km of Dobhi Durgapur section) was placed in the Month of December 2017. Details of the line pipes covered in the order placed in December 2017 are as below:

Sl. No.	Project name	Quantity
1	Cuttack/Bhubaneshwar/Paradip spurlines	199 Km
2	Dobhi- Durgapur pipeline	387 Km
	Total	586 Km

GAIL has informed that approximately 2072 Km Line Pipe out of total 2655 Km pipeline length are being procured for JHBDPL project till date. Details of which are as under:

Sr. No	Project Name	Quantity
1	Phase I- (Phulpur to Dobhi and spurlines to Patna, Barauni, Varanasi and Gorakhpur)	753 Km
2	Phase II - Bokaro-Angul, Dhamra-Angul, Cuttack / Bhubneswar / Paradip spurlines, Dobhi- Durgapur Pipeline	1319 Km
Total line pipe Awarded		2072 Km

This will be completed in phased manner. First phase will be completed by December, 2018 and Second phase will be completed by December, 2020.

(d): Profitability of the industries is dependent on various factors including availability of gas which is sourced as per demand.

(e): The Government has established Petroleum & Natural Gas Regulatory Board (PNGRB) under the PNGRB Act, 2006 in the year 2007 which is the authority to grant authorization for the development of Pipelines through open competitive bidding process. As per available information, existing natural gas pipelines in Rajasthan are (i) Hazira-Vijaypur-Jagdishpur Pipeline (HVJPL), (ii) Dahej-Vijaipur Pipeline and (iii) Chainsa-Jhajhar-Hisar Pipeline. Further, the product pipelines namely (i) Awa Salawas Pipeline (ASPL), (ii) Rewari-Kanpur Pipeline (RKPL) & (iii) Koyali-Sanganer Pipeline and Crude Pipeline namely Salaya-Mathura Pipeline (SMPL) also passes through Rajasthan.

ANNEXURE-I

ANNEXURE REFERRED IN REPLY TO PART (a) OF LOK SABHA UNSTARRED QUESTION NO. 4955 TO BE ANSWERED ON 26.03.2018 REGARDING DEMAND AND SUPPLY OF GAS

NATURALGAS CONSUMPTION IN THE COUNTRY

(Figures in MMSCMD)

Year	Domestic gas	LNG	Total Gas Consumption
2014-15	73.97	42.85	116.78
2015-16	68.38	62.18	130.56
2016-17	69.14	69.98	139.12
Current Year (till Dec.2017)	71.29	72.30	143.58

ANNEXURE-II

ANNEXURE REFERRED IN REPLY TO PART (b) OF LOK SABHA UNSTARRED QUESTION NO. 4955 TO BE ANSWERED ON 26.03.2018 REGARDING DEMAND AND SUPPLY OF GAS

Details of existing Natural Gas Pipelines supplying in Industries and others					
Sl. No.	Name of the Natural Gas Pipeline	Name of Entity	Capacity (MMSCMD)	Length (Km.)	States through which it passes
1	Hazira-Vijaipur-Jagdishpur -GREP (Gas Rehabilitation and Expansion Project)-Dahej-Vijaipur HVJ/VDPL	GAIL(India) Limited	57	4658	Uttar Pradesh, Madhya Pradesh, Rajasthan, Gujarat
2	Dahej-Vijaipur (DVPL)-Vijaipur-Dadri (GREP) Upgradation DVPL2 & VDPL	GAIL(India) Limited	54	1119	Uttar Pradesh, Madhya Pradesh, Rajasthan, Gujarat
3	Uran-Trombay	Oil and Natural Gas Corporation Limited	6	24	Maharashtra
4	Dahej-Uran-Panvel-Dhabhol	GAIL(India) Limited	20	875	Gujarat, Maharashtra
5	Agartala regional network	GAIL(India) Limited	2	61	Tripura
6	Mumbai regional network	GAIL(India) Limited	7	129	Maharashtra
7	Assam regional network	GAIL(India) Limited	3	8	Assam
8	K.G. Basin network(+RLNG+RIL)	GAIL(India) Limited	16	881	Andhra Pradesh, Puducherry
9	Gujarat regional network(+RLNG+RIL)	GAIL(India) Limited	18	671	Gujarat
10	Cauvery Basin network	GAIL(India) Limited	9	278	Puducherry, Tamil Nadu
11	DukliMaharajganj (Earlier-Agartala)	GAIL(India) Limited	0.26	5.2	Tripura
12	Rajasthan regional network	GAIL(India) Limited	2	152	Rajasthan
13	EWPL (Kakinada-Hyderabad-Uran-Ahmedabad)	Reliance Gas Transportation Infrastructure Limited	80	1469	Andhra Pradesh, Gujarat, Maharashtra, Telangana
14	GSPL's Gas Grid network including spur lines	Gujarat State Petronet Limited	43	2600	Gujarat
15	Hazira-Ankleshwar	Gujarat Gas Company Limited	5.06	73.2	Gujarat
16	Dadri-Panipat	Indian Oil Corporation Limited	9.5	140	Haryana, Punjab, Uttar Pradesh
17	AGCL's Assam regional network	Assam Gas Company Limited (3 pipeline sections)	2.428	104.73	Assam
18	Dadri-Bawana-Nangal	GAIL(India) Limited	31	835	Punjab, Haryana, Uttar Pradesh, Uttrakhand, Delhi
19	Chhainsa-Jhajjar-Hissar	GAIL(India) Limited	35	265	Haryana, Rajasthan, Punjab
20	Dabhol-Bangalore	GAIL(India) Limited	16	1097	Maharashtra, Karnataka, Goa
21	Kochi-Koottanad-Bangalore-Mangalore*	GAIL(India) Limited	6	41	Kerala, Tamil Nadu, Karnataka, UT of Puducherry
	Shadol-Phulpur	Reliance Gas Pipeline Ltd (RGPL)	5	1302	Madhya Pradesh & Uttar Pradesh
* Partly Commissioned			428	16788	

ANNEXURE-III

ANNEXURE REFERRED IN REPLY TO PART (b) OF LOK SABHA UNSTARRED QUESTION NO. 4955 TO BE ANSWERED ON 26.03.2018 REGARDING DEMAND AND SUPPLY OF GAS

Sl. No.	Name of Pipeline	Name of Entity	Length (Kms.)	Estimated Project Cost (Rs. in Cr.)	Year of Authorization	Scheduled completion	State through which it passes
Pipelines where construction work is under way							
1	Jagdishpur-Haldia&Bokaro-Dhamra	GAIL	2655	12940	2007 & 2016	Dec.2020	Uttar Pradesh, Bihar, Jharkhand, West Bengal and Odisha
2	Barauni - Guwahati	GAIL	750	-	2018	To be developed as an integral part of JHBDPL	Bihar, West Bengal, Sikkim & Assam
3	Kochi-Koottanad-Bangalore-Mangalore(Ph-II)	GAIL (India) Limited	879	2915	2007	Feb.2019	Kerala, Tamil Nadu and Karnataka
Approved pipelines where work is yet to commence							
4	Bhatinda - Jammu - Srinagar	GSPL India Gasnet Limited	725	1520	July 2011	Dec.2017	Punjab, Jammu & Kashmir
5	Mehsana – Bhatinda	GSPL India Gasnet Limited	2052	6864	July 2011	Dec.2017	Gujarat, Rajasthan, Haryana and Punjab
6	Mallavaram - Bhopal - Bhilwara via Vijaipur	GSPL India Transco Limited	2042	8086	July 2011	Dec.2017	Andhra Pradesh, Telanagana, Chattisgarh, Madhya Pradesh, Maharashtra and Rajasthan
7	Kakinada - Vizag - Srikakulam	AP Gas Distribution Corporation	391	1013	August 2014	2017	Andhra Pradesh
8	Nellore-Vizag-Kakinada	IMC Ltd	525	NA	December 2017	2021	Andhra Pradesh
9	Ennore - Nellore	Gas Transmission India Pvt. Ltd.	430	730	May 2015	2017	Andhra Pradesh and Tamil Nadu
10	Ennore-Thiruvallur-Bengaluru-Puducherry-	Indian Oil Corporation Ltd.	1385	4497	Dec. 2015	2018	Tamil Nadu and Karnataka

	Nagapatinam- Madurai- Tuticorin						
11	Jaigarh- Mangalore	H-Energy Pvt. Ltd.	749	2389	July 2016	2019	Maharashtra, Goa and Karnataka