

**LOK SABHA**  
**UNSTARRED QUESTION No. 2824**  
TO BE ANSWERED ON 08<sup>th</sup> AUGUST, 2024

**COST-EFFECTIVENESS OF PNG OVER LPG**

2824 SHRI HASMUKHBHAI SOMABHAI PATEL:  
SHRI MITESH PATEL BAKABHAI:

पेट्रोलियम और प्राकृतिक गैस मंत्री

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

- (a) the advantages and cost-effectiveness of Piped Natural Gas (PNG) as compared to LPG; and
- (b) the steps taken by the Government to increase the availability of Piped Natural Gas, across the country including the details of Natural Gas Pipeline Network set up across the country till date, State-wise?

**ANSWER**

पेट्रोलियम और प्राकृतिक गैस मंत्रालय में राज्यमंत्री  
(श्री सुरेश गोपी)

**MINISTER OF STATE IN THE MINISTRY OF PETROLEUM & NATURAL GAS  
(SHRI SURESH GOPI)**

(a) Piped Natural Gas (PNG) being supplied through pipeline, obviates the hassles of booking, handling, storing and measuring the Liquefied Petroleum Gas (LPG) cylinder. Moreover, being lighter than air, PNG is a safer fuel for cooking. In terms of energy content per unit (kcal/kg), PNG is comparatively advantaged vis-à-vis LPG, however the cost of natural gas depends on a number of dynamic factors such as cost of gas procured, state taxes, tariff, subsidy given, transportation and distribution cost etc.

(b) Petroleum and Natural Gas Regulatory Board (PNGRB) has authorized approximately 33,478 km length of Natural Gas Pipeline Network across the Country with the aim to create a national gas grid and increase the availability of natural gas across the Country. As on March 2024, approximately 24,881 km pipeline is operational and 10,404 kms of pipeline is under construction.

Providing PNG connections to the households are part of development of City Gas Distribution (CGD) Network and the same is carried out by the entities authorized by PNGRB. After completion of 12/12A CGD bidding round, PNGRB has authorized 307 Geographical Areas (GAs) covering almost 100% of the total geographical area of the country spread over around 733 districts in 34 states/UTs for the development of CGD network with MWP target of establishing approx. 12.63 crore PNG connections across the

country by 2032. As on 31.05.2024, 1.31 crore PNG connections have been provided by the CGD entities. Also, 5,20,176 Inch-kilometer of Steel and MDPE pipeline has been laid across the country till 31.05.2024 against the MWP target of 5,46,867 Inch-kilometer.

Further to promote the usage of gas in PNG (D) segment, Government has taken various measures to meet demands for Piped gas to households from cheaper domestic gas which includes diverting domestic gas from power and other non- priority sectors to meet the requirement of CNG(Transport) and PNG (Domestic) segments; declaring CNG(T)/PNG(D) sector as the first priority for allocation of domestic natural gas; priority to CNG(T)/PNG(D) sector for supply of High Pressure High temperature (HP-HT) gas in any situation requiring proportionate distribution of gas under the bidding process, etc.

The details of State-wise PNG connections across the country are at **Annexure**.

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ANNEXURE

**ANNEXURE REFERRED TO IN REPLY TO PART (b) OF LOK SABHA UNSTARRED QUESTION NO. 2824 TO BE ANSWERED ON 8<sup>TH</sup> AUGUST, 2024 REGARDING COST-EFFECTIVENESS OF PNG OVER LPG.**

<b>States</b>	<b>PNG Domestic Connections</b>
Andhra Pradesh	278024
Assam	61834
Bihar	170265
Chandigarh	27313
Chhattisgarh	3499
Dadra & Nagar Haveli (UT)	12398
Delhi	1579198
Goa	14463
Gujarat	3326098
Haryana	407400
Himachal Pradesh	7900
Jharkhand	140386
Karnataka	449376
Kerala	91782
Madhya Pradesh	243373
Maharashtra	3655453
Odisha	123953
Puducherry	0
Punjab	90508
Rajasthan	334611
Tamil Nadu	35887
Telangana	212679
Tripura	62536
UT of Daman & Diu	5498
UT Jammu & Kashmir	0
Uttar Pradesh	1673116
Uttarakhand	83155
West Bengal	28186
<b>Grand Total</b>	<b>13118891</b>

Source: PNGRB