

GOVERNMENT OF INDIA  
MINISTRY OF PETROLEUM & NATURAL GAS  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO-139**  
ANSWERED ON-25/11/2024

**AVENUES OF PETROLEUM RESOURCES IN THE COUNTRY**

139. DR. KANIMOZHI NVN SOMU:

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

- a) whether Government has taken any proactive measures to explore and exploit the new avenues of petroleum resources in the country;
- b) if so, the details thereof;
- c) the total demand and supply of petrol/ diesel/gas in the country, and the steps taken by Government to meet the demand and supply needs State-wise ; and
- d) whether Government has initiated any special projects to reduce this dependency?

**ANSWER**

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

(a) & (b): The Government has taken various policy initiatives to explore and exploit new avenues of petroleum resources in the country which *inter-alia* include:

- i. Policy under PSC regime for early monetization of hydrocarbon discoveries, 2014.
- ii. Discovered Small Field Policy, 2015.
- iii. Hydrocarbon Exploration and Licensing Policy (HELP), 2016.
- iv. Policy for Extension of PSCs, 2016 and 2017.
- v. Policy for early monetization of Coal Bed Methane, 2017.
- vi. Setting up of National Data Repository, 2017.
- vii. Appraisal of Un-appraised areas in Sedimentary Basins under National Seismic Programme, 2017.
- viii. Policy framework for extension of PSCs for Discovered Fields and Exploration Blocks under Pre-New Exploration Licensing Policy (Pre-NELP), 2016 and 2017.
- ix. Policy to Promote and Incentivize Enhanced Recovery Methods for Oil and Gas, 2018.
- x. Policy Framework for exploration and exploitation of Unconventional Hydrocarbons under Existing Production Sharing Contracts (PSCs), Coal Bed Methane (CBM) Contracts and Nomination Fields, 2018.
- xi. Natural Gas Marketing Reforms, 2020.
- xii. Lower Royalty Rates, Zero Revenue Share (till Windfall Gain) and no drilling commitment in Phase-I in OALP Blocks under Category II and III basins to attract bidders.
- xiii. Release of about 1 Million Sq. Km. (SKM) 'No-Go' area in offshore which were blocked for exploration for decades.

xiv. Government is also spending about Rs.7500 Cr. for acquisition of seismic data in onland and offshore areas and drilling of stratigraphic wells to make quality data of Indian Sedimentary Basins available to bidders. Government has approved acquisition of additional 2D Seismic data of 20,000 LKM in onland and 30,000 LKM in offshore beyond Exclusive Economic Zone (EEZ) of India.

(c): The details of State-wise demand of High Speed Diesel (HSD), Motor Spirit (MS)/Petrol and Liquefied Petroleum Gas (LPG) for FY 2023-24 are annexed. The details of production of HSD, MS and LPG for FY 2023-24 are as below:

<b>Production of HSD/MS/LPG FY 2023-24 (Provisional)</b>			
<b>FY 2023-24</b>	<b>HSD</b>	<b>MS</b>	<b>LPG</b>
Production (in Thousand Metric Tonnes [TMT])	115942.80	45080.56	12778.87

Source-Petroleum Planning & Analysis Cell (PPAC)

The demand and production of Natural Gas for FY 2023-24 are as below:

<b>Demand &amp; Production FY 2023-24(Provisional)</b>		
<b>FY 2023-24</b>	<b>Demand</b>	<b>Domestic Production</b>
Natural Gas Consumption (in Million Standard Cubic Meter)	67512	35717

Source-PPAC. The demand of LPG and Natural Gas is met through domestic production as well as imports.

(d): Government has taken various steps to reduce the dependency which *inter alia* include demand substitution by promoting usage of natural gas as fuel/feedstock across the country towards increasing the share of natural gas in economy and moving towards gas based economy, promotion of renewable and alternate fuels like ethanol, second generation ethanol, compressed bio gas and biodiesel, refinery process improvements, promoting energy efficiency and conservation, efforts for increasing production of oil and natural gas through various policies initiatives, etc. The Government has been promoting blending of ethanol in petrol under the Ethanol Blended Petrol (EBP) Programme. Blending of Petrol has reached approximately 14.6% during Ethanol Supply Year (ESY) 2023-24 and resulted in approximately forex savings of Rs. 1.09 Lakh Crores from ESY 2013-14 to ESY 2023-24. For promoting the use of Compressed Bio Gas (CBG) as automotive fuel, Sustainable Alternative Towards Affordable Transportation (SATAT) initiative has also been launched.

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## Annexure

(Referred to part (c) of Rajya Sabha USQ No. 139 for 25.11.2024)

State-Wise Demand of HSD, MS and LPG in FY 2023-24

S. No.	States	FY 2023-24 (Quantity in TMT)		
		HSD	MS	LPG
1	CHANDIGARH	244.6	119.8	54.4
2	DELHI	614.2	960.3	792.8
3	HARYANA	4274.5	1289.9	1087.8
4	HIMACHAL PRADESH	795.2	320.8	200.6
5	JAMMU & KASHMIR	916.2	380.2	237
6	LADAKH	97.3	21.7	9.5
7	PUNJAB	3467.0	1182.9	1052.6
8	RAJASTHAN	5495.0	1896.4	1646.3
9	UTTAR PRADESH	10307.6	4368.6	4086.9
10	UTTARAKHAND	815.3	438.7	352.5
11	ARUNACHAL PRADESH	244.5	78.0	28.4
12	ASSAM	1312.2	668.1	536.2
13	MANIPUR	103.6	75.5	53.6
14	MEGHALAYA	438.4	135.5	32.8
15	MIZORAM	111.2	42.7	33.3
16	NAGALAND	121.9	58.5	30.4
17	SIKKIM	89.9	28.9	21.2
18	TRIPURA	108.9	68.1	60.4
19	ANDAMAN & NICOBAR	160.8	20.2	13.8
20	BIHAR	2366.9	1081.7	1607.1
21	JHARKHAND	1888.5	693.0	422.9
22	ODISHA	3286.8	1058.6	718.3
23	WEST BENGAL	3522.3	1259.1	2108
24	CHHATTISGARH	2125.6	798.1	354.9
25	DADRA & NAGAR HAVELI AND DAMAN & DIU	182.6	46.3	34.9
26	GOA	274.0	216.6	77
27	GUJARAT	7178.7	2546.1	1942.4
28	MADHYA PRADESH	4163.7	1825.1	1200.3
29	MAHARASHTRA	9926.7	4068.0	3450.1
30	ANDHRA PRADESH	3639.5	1571.4	1334.3
31	KARNATAKA	8350.6	2899.4	2100.7
32	KERALA	2413.3	1791.5	1135.1
33	LAKSHADWEEP	19.1	1.3	1
34	PUDUCHERRY	572.7	181.1	49
35	TAMIL NADU	6287.2	3352.0	2380.5
36	TELANGANA	3668.3	1675.1	1133.5
<b>Total</b>		<b>89584.8</b>	<b>37219.3</b>	<b>30380.5</b>

Source- PPAC