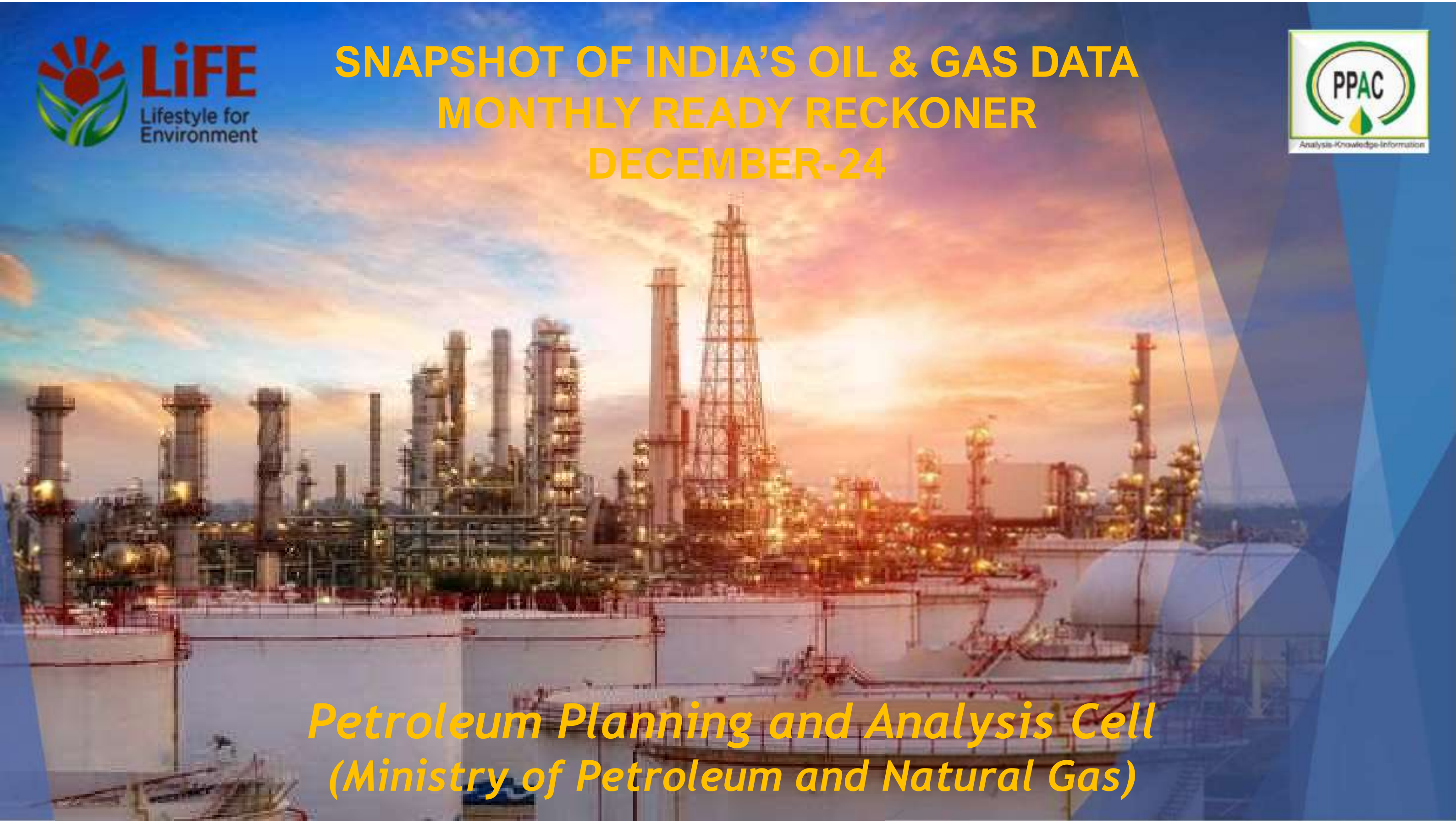


SNAPSHOT OF INDIA'S OIL & GAS DATA
MONTHLY READY RECKONER
DECEMBER-24

Petroleum Planning and Analysis Cell
(Ministry of Petroleum and Natural Gas)

Snapshot of India's Oil & Gas data

Monthly Ready Reckoner

December 24

Petroleum Planning & Analysis Cell

(Ministry of Petroleum & Natural Gas)

Petroleum Planning & Analysis Cell (PPAC), an attached office of the Ministry of Petroleum & Natural Gas (MoPNG), Government of India, collects and analyses data on the Oil and Gas sector. It disseminates many reports on the Oil & Gas sector to the various stakeholders. The data is obtained from the Public Sector companies, Government agencies as well as the Private companies. Given the ever-increasing demand for energy and transition of energy demand to renewables and Biofuels, Policy makers and Analysts need to be well informed about the updated trends in the Oil & Gas industry.

The Snapshot of India's Oil & Gas data (Monthly Ready Reckoner), released by PPAC, provides monthly data/information in a single volume for the latest month and historical time series. The Snapshot of India's Oil & Gas data is also published on PPAC's website (www.ppac.gov.in) and is accessible on mobile app-PPACE.

This publication is a concerted effort by all divisions of PPAC. The cooperation of the Oil and Gas industry is acknowledged for their timely inputs.

Note: Reported data may undergo change on receipt of actuals

Table of contents

Highlights for the month

- Indigenous crude oil and condensate production during December 2024 was 2.5 MMT. OIL registered a production of 0.3 MMT, ONGC registered a production of 1.6 MMT whereas PSC/RSC registered production of 0.6 MMT during December 2024. There is a growth of 0.6 % in crude oil and condensate production during December 2024 as compared with the corresponding period of the previous year.
- Total Crude oil processed during December 2024 was 23.9 MMT which is 5.2 % higher than December 2023 , where PSU/JV refiners processed 16.4 MMT and private refiners processed 7.5 MMT of crude oil. Total indigenous crude oil processed was 2.1 MMT and total Imported crude oil processed was 21.8 by all Indian refineries (PSU+JV+PVT). There was a growth of 2.2 % in total crude oil processed in April-December current Financial Year as compared to same period of previous Financial Year.
- Crude oil imports increased by 1.0% and 3.2% during December 2024 and April-December FY 2024-25 respectively as compared to the corresponding period of the previous year. As compared to net import bill for Oil & Gas for Dec 2023 of $ 10.3 billion, the net import bill for Oil & Gas for Dec 2024 was $ 10.4 billion. Out of which, crude oil imports constitutes $ 10.7 billion, LNG imports $1.2 billion and the exports were $ 3.6 billion during Dec 2024.
- The price of Brent Crude averaged $73.94/bbl during Dec' 2024 as against $74.47/bbl during Nov'2024 and $77.91/bbl during Dec'2023. The Indian basket crude price averaged $73.34/bbl during Dec'2024 as against $73.02/bbl during Nov'2024 and $77.42 /bbl during Dec'2023
- Production of petroleum products was 25.3 MMT during December 2024 which is 2.9% higher than December 2023. Out of 25.3 MMT, 25.0 MMT was from refinery production & 0.3 MMT was from fractionator. There was a growth of 2.8 % in production of petroleum products in April-December FY 2024 – 25 as compared to same period of FY 2023 – 24. Out of total POL production, in December 2024, share of major products including HSD is 41.8 %, MS 17.3 %, Naphtha 6.2 %, ATF 6.6 %, Pet Coke 5.2 %, LPG 4.5 %, and rest is shared by Bitumen, FO/LSHS, LDO, Lubes & others.
- POL products imports increased by 6.3% and 7.1% during December 2024 and April-December FY 2024-25 respectively as compared to the corresponding period of the previous year. Increase in POL products imports during April-December FY 2024-25 were mainly due to increase in imports of liquified petroleum gas (LPG) and petcoke etc.

•	Exports of POL products decreased by 8.2% and increased by 1.5% during December 2024 and April-December FY 2024-25 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April-December FY 2024-25 were mainly on account of increase in exports of motor-spirit (MS), petcoke/CBFS and fuel oil etc.
•	The consumption of petroleum products during April-Dec 2024, with a volume of 178.5 MMT, reported a growth of 3.4 % compared to the volume of 172.6 MMT during the same period of the previous year. This growth was led by 2.2% growth in HSD, 8.0% growth in MS, 9.8% growth in ATF, 6.7% growth in LPG, 12.1% in Lubes consumption besides growth in FO/LSHS and LDO during the period. The Consumption of petroleum products for the month of Dec-2024 recorded a growth of 2.1% with a volume of 20.7 MMT compared to the same period of the previous year.
•	Ethanol blending in Petrol was 18.2% during Dec'24 and cumulative ethanol blending during November 2024- December 2024 was 16.4%. Ethanol Blending % acheieved during the month of Dec-24 is the highest till date.
•	Total Natural Gas Consumption (including internal consumption) for the month of December 2024 was 6048 MMSCM which was 7.1% higher than the corresponding month of the previous year. The cumulative consumption of 55496 MMSCM for the current financial year till December 2024 was higher by 11.6% compared with the corresponding period of the previous year.
•	Gross production of natural gas for the month of December (P) was 3066 MMSCM which was lower by 2.1% compared with the corresponding month of the previous year. The cumulative gross production of natural gas of 27310 MMSCM for the current financial year till December 2024 was higher by 0.4% compared with the corresponding period of the previous year.
•	Prorated LNG import for the month of December 2024 (P) was 3022 MMSCM which was 18.2% higher than the corresponding month of the previous year. The cumulative import of 28586 (P) MMSCM for the current financial year till December 2024 is higher by 24.1 % compared with the corresponding period of the previous year.

PART-A

Economic Indicators

1. Selected indicators of the Indian economy

	Economic indicators	Unit/ Base	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
1	Population (basis RGI projections)	Billion	1.337	1.351	1.365	1.377	1.388	1.405
2	GDP at constant (2011-12 Prices)	Growth %	4.0 1st RE	-6.6 1st RE	9.1 1st RE	7.2 PE	7.6 (E)	6.0 (H1)€
3	Agricultural Production (Food grains)	MMT	297.5	310.7	315.7 4th AE	329.7 FE	332.3 FE	164.7 1st AE(H1)
		Growth %	4.3	4.5	1.6	4.4	0.8	10.9
4	Gross Fiscal Deficit (as percent of GDP)	%	4.6	9.5 RE	6.7 RE	6.4 RE	5.9 RE	4.9 OE

	Economic indicators	Unit/ Base	2022-23	2023-24	December		April-December	
					2023-24	2024-25(P)	2023-24	2024-25 (P)
5	Index of Industrial Production (Base: 2011-12)	Growth %	5.2	5.9	2.5	5.2* QE	6.5#	4.1#
6	Imports^	$ Billion	714.2	677.2	57.2	60.0	506.4	532.5
7	Exports^	$ Billion	451.0	437.1	38.4	38.0	316.7	321.7
8	Trade Balance	$ Billion	-263.2	-240.1	-18.8	-21.9	-189.7	-210.8
9	Foreign Exchange Reserves @	$ Billion	578.4	645.6	623.2	640.3	-	-

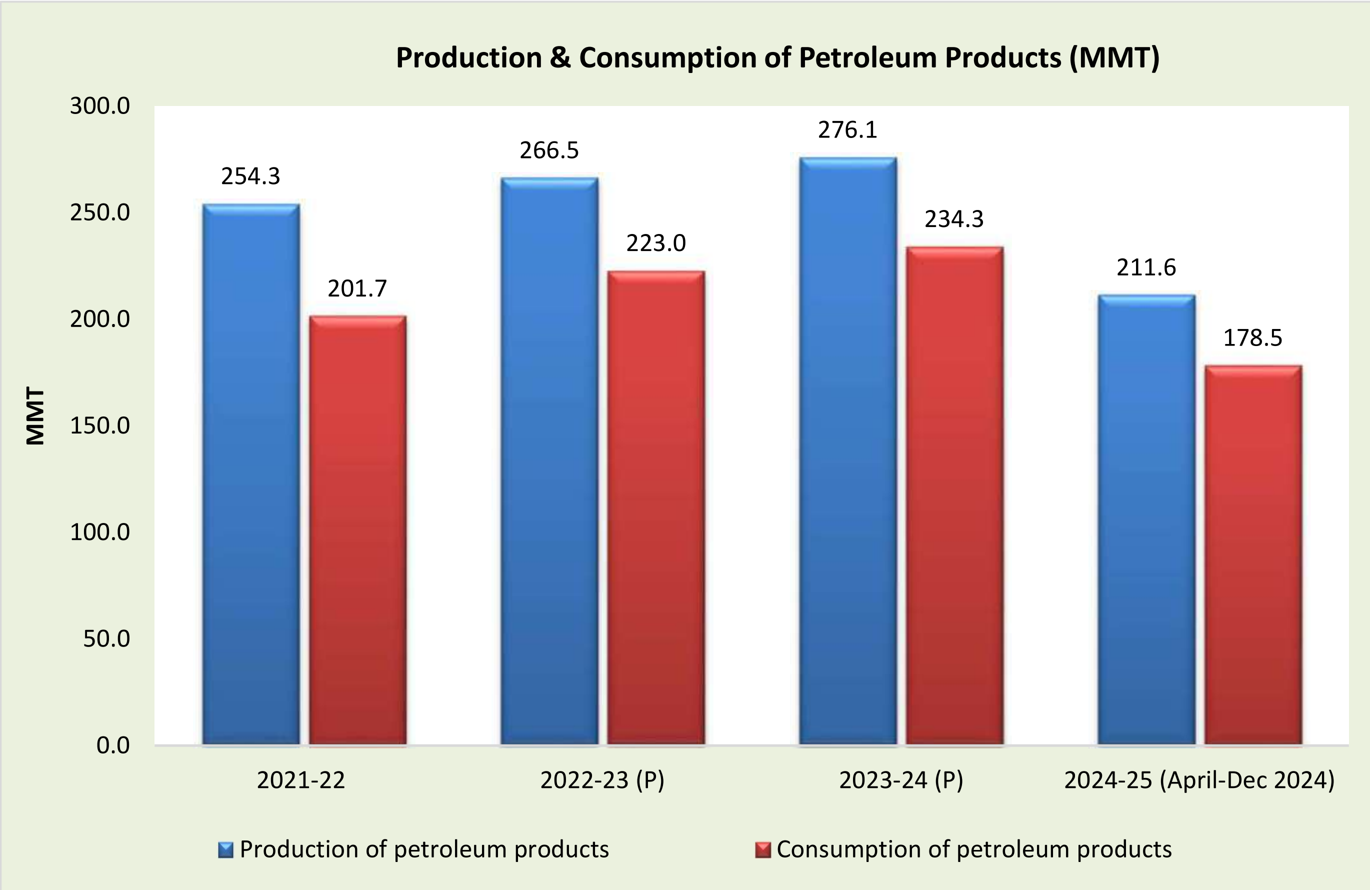
Population projection by RGI is taken as on 1st July for the year. IIP is for the month of *Nov'24 and #April-Nov'23 and Apr-Nov'24; @ 2022-23 as on March 31, 2023,2023-24 as on March 29,2024, Dec 2023 as on Dec 29, 2023 and Dec, 2024 as on Dec 27, 2024; ^Imports & Exports are for Merchandise for the month of Dec 2023 & Dec 2024 and Apr-Dec 2023 and Apr-Dec 2024.; E: Estimates; PE: Provisional Estimates; AE-Advanced Estimates; RE-Revised Estimates; QE-Quick Estimates; FE-Final Estimates.

Source: Registrar General India**,** Ministry of Commerce & Industry, Ministry of Statistics and Programme Implementation, Ministry of Agriculture & Farmer's Welfare, Ministry of Finance, Reserve Bank of India

2. Crude oil, LNG and petroleum products at a glance

	Details	Unit/ Base	2022-23 (P)	2023-24 (P)	December 2023-24 (P)	December 2024-25 (P)	April-December 2023-24 (P)	April-December 2024-25 (P)
1	Crude oil production in India#	MMT	29.2	29.4	2.5	2.5	22.0	21.6
2	Consumption of petroleum products*	MMT	223.0	234.3	20.3	20.7	172.6	178.5
3	Production of petroleum products	MMT	266.5	276.1	24.6	25.3	205.8	211.6
4	Gross natural gas production	MMSCM	34,450	36,438	3,132	3,066	27,214	27,310
5	Natural gas consumption	MMSCM	59,969	67,512	5,635	6,048	49,727	55,496
6	Imports & exports:							
	Crude oil imports	MMT	232.7	234.3	19.7	19.9	173.7	179.3
		$ Billion	157.5	133.4	11.4	10.7	98.8	102.5
	Petroleum products (POL) imports*	MMT	44.6	48.7	4.1	4.4	36.0	38.5
		$ Billion	26.9	22.9	2.0	2.1	17.1	18.2
	Gross petroleum imports (Crude + POL)	MMT	277.3	283.0	23.8	24.2	209.7	217.9
		$ Billion	184.4	156.3	13.4	12.8	115.9	120.7
	Petroleum products (POL) export	MMT	61.0	62.6	5.8	5.4	46.8	47.5
		$ Billion	57.3	47.7	4.2	3.6	35.9	32.6
	LNG imports*	MMSCM	26,304	31,795	2,557	3,022	23,043	28,586
		$ Billion	17.1	13.3	1.1	1.2	9.8	11.7
	Net oil & gas imports	$ Billion	144.2	121.9	10.3	10.4	89.8	99.9
7	Petroleum imports as percentage of India's gross imports (in value terms)	%	25.8	23.1	23.5	21.4	22.9	22.7
8	Petroleum exports as percentage of India's gross exports (in value terms)	%	12.7	10.9	11.1	9.6	11.3	10.1
9	Import dependency of crude oil (on POL consumption basis)	%	87.4	87.8	86.8	89.0	87.5	88.1

#Includes condensate; *Private direct imports are prorated for the period Nov'24 to Dec'24 for POL. RIL data is prorated. LNG Imports figure from DGCIS are prorated for Nov'24 to Dec'24.Total may not tally due to rounding off.


Production & Consumption of Petroleum Products (MMT)
300.0
250.0
200.0
150.0
100.0
50.0
0.0
MMT
254.3
201.7
266.5
223.0
276.1
234.3
211.6
178.5
2021-22
2022-23 (P)
2023-24 (P)
2024-25 (April-Dec 2024)
Production of petroleum products
Consumption of petroleum products

PART-B

Crude Oil, Refining & Production

3. Indigenous crude oil production (Million Metric Tonnes)								
Details	2022-23 (P)	2023-24 (P)	December			April-December		
			2023-24 (P)	2024-25 Target*	2024-25 (P)	2023-24 (P)	2024-25 Target*	2024-25 (P)
ONGC	18.4	18.1	1.5	1.7	1.5	13.6	14.8	13.2
Oil India Limited (OIL)	3.2	3.3	0.3	0.4	0.3	2.5	2.9	2.6
Private / Joint Ventures (JVs)	6.2	5.7	0.5	0.6	0.5	4.3	5.6	4.1
Total Crude Oil	**27.8**	**27.2**	**2.3**	**2.6**	**2.3**	**20.4**	**23.2**	**19.9**
ONGC condensate	1.0	1.1	0.1	0.0	0.1	0.8	0.0	0.8
PSC condensate	0.3	1.1	0.1	0.0	0.1	0.8	0.0	0.9
Total condensate	**1.4**	**2.2**	**0.2**	**0.0**	**0.2**	**1.6**	**0.0**	**1.7**
Total (Crude + Condensate) (MMT)	**29.2**	**29.4**	**2.5**	**2.6**	**2.5**	**22.0**	**23.2**	**21.6**
Total (Crude + Condensate) (Million Bbl/Day)	0.59	0.59	0.58	0.62	0.58	0.59	0.62	0.57

*Provisional targets inclusive of condensate.

4. Domestic and overseas oil & gas production (by Indian Companies)						
Details	2022-23 (P)	2023-24 (P)	December		April-December	
			2023-24 (P)	2024-25 (P)	2023-24 (P)	2024-25 (P)
Total domestic production (MMTOE)	63.6	65.8	5.6	5.5	49.2	48.9
Overseas production (MMTOE)	19.5	19.9	1.7	1.7	14.9	14.8

Source: ONGC Videsh, GAIL, OIL , IOCL, HPCL & BPRL

5. High Sulphur (HS) & Low Sulphur (LS) crude oil processing (MMT)							
Details		2022-23 (P)	2023-24 (P)	December		April-December	
				2023-24 (P)	2024-25 (P)	2023-24 (P)	2024-25 (P)
1	High Sulphur crude	197.9	205.2	18.0	19.4	151.7	156.1
2	Low Sulphur crude	57.4	56.3	4.7	4.5	43.1	42.8
Total crude processed (MMT)		**255.2**	**261.5**	**22.7**	**23.9**	**194.7**	**198.9**
Total crude processed (Million Bbl/Day)		5.13	5.25	5.36	5.64	5.19	5.30
Percentage share of HS crude in total crude oil processing		**77.5%**	**78.5%**	**79.4%**	**81.3%**	**77.9%**	**78.5%**

6. Quantity and value of crude oil imports

Year	Quantity (MMT)	$ Million	Rs. Crore
2021-22	212.4	120675	9,01,262
2022-23	232.7	157531	12,60,372
2023-24 (P)	234.3	133366	11,05,176
April-December 2024-25(P)	179.3	102525	8,60,137

7. Self-sufficiency in petroleum products (Million Metric Tonnes)

Particulars		2022-23 (P)	2023-24(P)	December		April-December	
				2023-24 (P)	2024-25 (P)	2023-24 (P)	2024-25 (P)
1	Indigenous crude oil processing	26.5	26.9	2.6	2.1	20.3	19.7
2	Products from indigenous crude (93.3% of crude oil processed)	24.7	25.1	2.4	1.9	18.9	18.4
3	Products from fractionators (Including LPG and Gas)	3.5	3.5	0.3	0.3	2.6	2.8
4	Total production from indigenous crude & condensate **(2 + 3)**	28.2	28.6	2.7	2.3	21.5	21.2
5	Total domestic consumption	223.0	234.3	20.3	20.7	172.6	178.5
% Self-sufficiency (4 / 5)		**12.6%**	**12.2%**	**13.2%**	**11.0%**	**12.5%**	**11.9%**

8. Refineries: Installed capacity and crude oil processing (MMTPA / MMT)										
Sl. no.	Refinery	Installed capacity (01.04.2024) MMTPA	Crude oil processing (MMT)							
			2022-23 (P)	2023-24 (P)	December			April-December		
					2023-24 (P)	2024-25 (Target)	2024-25 (P)	2023-24 (P)	2024-25 (Target)	2024-25 (P)
1	Barauni (1964)	6.0	6.8	6.6	0.6	0.6	0.6	5.0	4.9	5.1
2	Koyali (1965)	13.7	15.6	15.2	1.3	1.0	1.3	11.4	10.6	11.9
3	Haldia (1975)	8.0	8.5	8.1	0.7	0.7	0.7	5.9	5.6	4.8
4	Mathura (1982)	8.0	9.6	9.2	0.8	0.9	0.9	6.8	6.3	5.6
5	Panipat (1998)	15.0	13.8	14.3	1.2	1.4	1.4	11.3	11.6	11.6
6	Guwahati (1962)	1.2	1.1	1.0	0.1	0.0	0.0	0.7	0.9	0.9
7	Digboi (1901)	0.65	0.7	0.7	0.1	0.1	0.1	0.5	0.5	0.6
8	Bongaigaon(1979)	2.70	2.8	3.0	0.3	0.3	0.3	2.3	2.0	2.0
9	Paradip (2016)	15.0	13.6	15.2	1.4	1.4	1.4	11.2	11.8	10.5
	IOCL-TOTAL	**70.3**	**72.4**	**73.3**	**6.5**	**6.3**	**6.7**	**55.0**	**54.3**	**53.0**
10	Manali (1969)	10.5	11.3	11.6	0.8	1.0	0.9	8.6	8.2	7.5
11	CBR (1993)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	CPCL-TOTAL	**10.5**	**11.3**	**11.6**	**0.8**	**1.0**	**0.9**	**8.6**	**8.2**	**7.5**
12	Mumbai (1955)	12.0	14.5	15.1	1.4	1.3	1.2	11.1	11.5	11.5
13	Kochi (1966)	15.5	16.0	17.3	1.6	1.5	1.6	13.0	12.4	12.4
14	Bina (2011)	7.8	7.8	7.1	0.7	0.7	0.7	5.1	5.6	5.7
	BPCL-TOTAL	**35.3**	**38.4**	**39.5**	**3.6**	**3.5**	**3.5**	**29.2**	**29.4**	**29.6**
15	Numaligarh (1999)	3.0	3.1	2.5	0.29	0.3	0.3	1.7	2.3	2.2

Sl. no.	Refinery	Installed capacity (01.04.2024) MMTPA	Crude oil processing (MMT)							
			2022-23 (P)	2023-24 (P)	December			April-December		
					2023-24 (P)	2024-25 (Target)	2024-25 (P)	2023-24 (P)	2024-25 (Target)	2024-25 (P)
16	Tatipaka (2001)	0.07	0.07	0.07	0.006	0.006	0.007	0.05	0.05	0.05
17	MRPL-Mangalore (1996)	15.0	17.1	16.5	1.6	1.5	1.5	12.0	13.1	13.4
	ONGC-TOTAL	**15.1**	**17.2**	**16.6**	**1.6**	**1.5**	**1.6**	**12.1**	**13.1**	**13.4**
18	Mumbai (1954)	9.5	9.8	9.6	0.8	0.8	0.9	7.6	7.1	7.4
19	Visakh (1957)	13.7	9.3	12.7	0.9	1.3	1.4	8.9	10.0	11.2
20	HMEL-Bathinda (2012)	11.3	12.7	12.6	1.1	1.0	1.1	9.8	9.0	9.8
	HPCL- TOTAL	**34.5**	**31.8**	**35.0**	**2.9**	**3.1**	**3.4**	**26.3**	**26.1**	**28.4**
21	RIL-Jamnagar (DTA) (1999)	33.0	34.4	34.4	2.8	2.8	3.1	25.7	25.7	26.2
22	RIL-Jamnagar (SEZ) (2008)	35.2	27.9	28.3	2.5	2.5	2.7	20.9	20.9	23.2
23	NEL-Vadinar (2006)	20.0	18.7	20.3	1.7	1.7	1.7	15.2	15.2	15.4
All India (MMT)		**256.8**	**255.2**	**261.5**	**22.7**	**22.7**	**23.9**	**194.7**	**195.2**	**198.9**
All India (Million Bbl/Day)		**5.02**	**5.13**	**5.24**	**5.36**	**5.37**	**5.64**	**5.19**	**5.20**	**5.30**

Note: Provisional Targets; Some sub-totals/ totals may not add up due to rounding off at individual levels. The Inputs to Refinery includes both Crude Oil and Other Inputs (OI), however Other Inputs (OI) do not form part of the above data.

9. Major crude oil and product pipeline network (as on 01.01.2025)

Details		ONGC	OIL	Cairn	HMEL	IOCL	BPCL	HPCL	Others*	Total
Crude Oil	Length (KM)	1,284	1,195	688	1,017	5,324	937			**10,445**
	Cap (MMTPA)	60.6	9.0	10.7	11.3	53.8	7.8			**153.1**
Products	Length (KM)		654			13,344	2,600	5,133	2,399	**24,130**
	Cap (MMTPA)		1.7			76.1	22.6	35.2	10.2	**145.8**

*Others include GAIL and Petronet India. HPCL and BPCL lubes pipeline included in products pipeline data

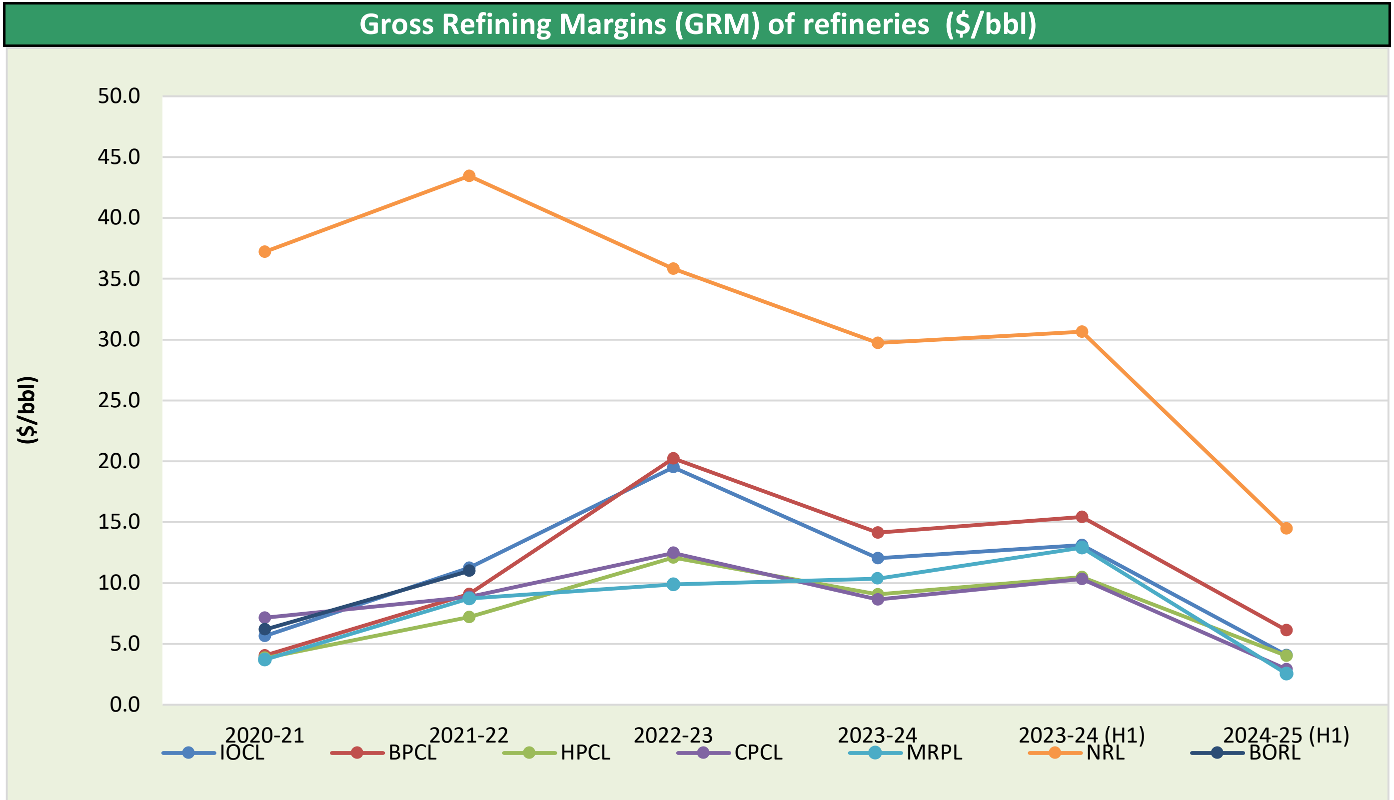
OIL & GAS MAP OF INDIA

10. Gross Refining Margins (GRM) of refineries ($/bbl)						
Company	**2020-21**	**2021-22**	**2022-23**	**2023-24**	**April-Sept**	
					2023-24	**2024-25**
IOCL	5.64	11.25	19.52	12.05	13.12	4.08
BPCL	4.06	9.09	20.24	14.14	15.42	6.12
HPCL	3.86	7.19	12.09	9.08	10.49	4.03
CPCL	7.14	8.85	12.48	8.64	10.34	2.93
MRPL	3.71	8.72	9.88	10.36	12.91	2.56
NRL	37.23	43.46	35.82	29.72	30.65	14.47
BORL	6.20	11.00	#	#	#	#
RIL	*	*	*	*	*	*
NEL	*	*	*	*	*	*

GRM of North Eastern refineries are including excise duty benefit

BPCL figures effective 2022-23 includes BORL also after its merger with BPCL

*Not available



GRM of North Eastern refineries are including excise duty benefit. RIL and NEL data is not available

PART-C

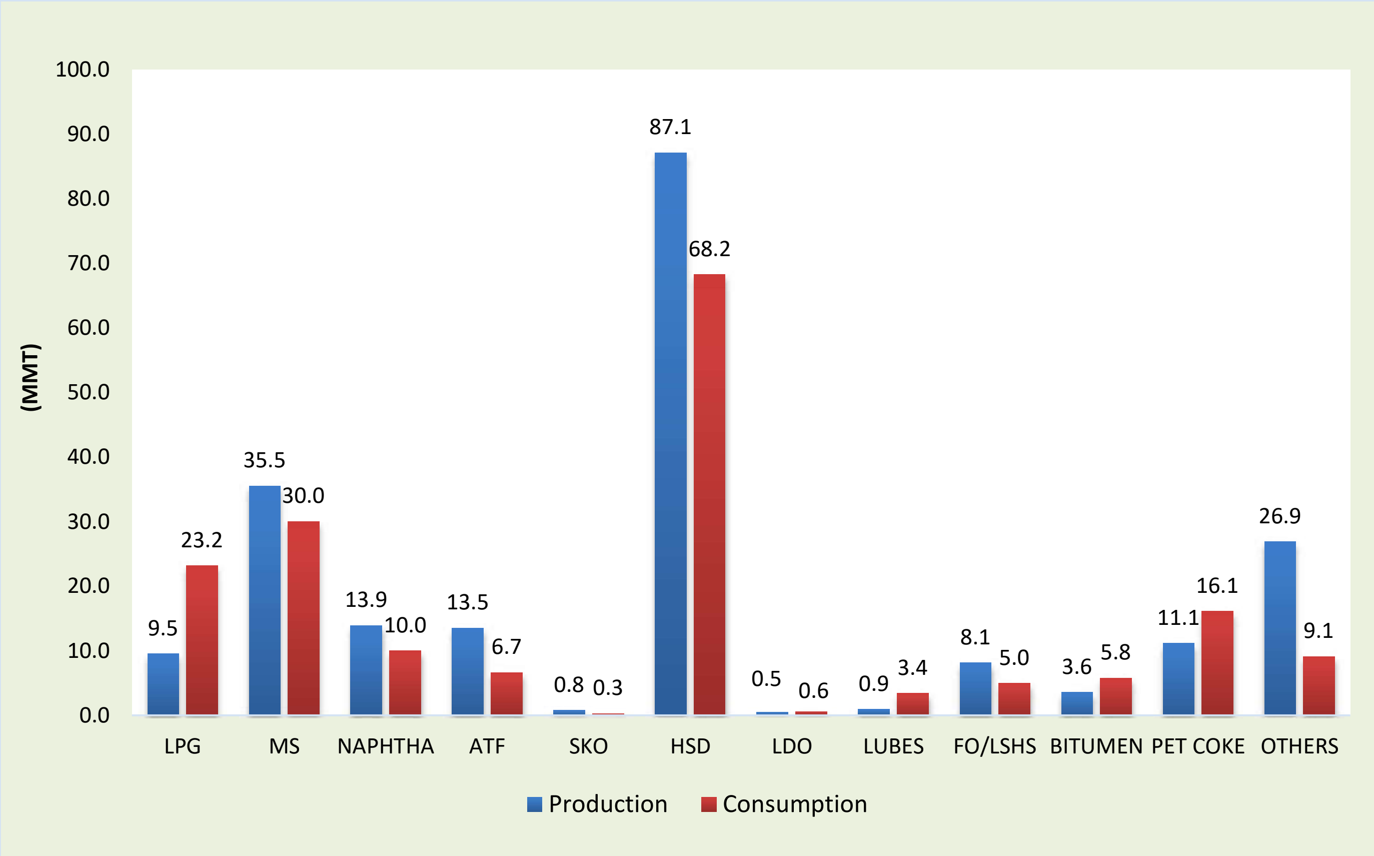
Consumption

11. Production and consumption of petroleum products (Million Metric Tonnes)

Products	2022-23 (P)		2023-24 (P)		December 23 (P)		December 24 (P)		Apr-Dec'23 (P)		Apr-Dec'24 (P)	
	Prod	Cons	Prod	Cons	Prod	Cons	Prod	Cons	Prod	Cons	Prod	Cons
LPG	12.8	28.5	12.8	29.7	1.2	2.6	1.1	2.8	9.5	21.7	9.5	23.2
MS	42.8	35.0	45.1	37.2	4.3	3.0	4.4	3.3	33.5	27.8	35.5	30.0
NAPHTHA	17.0	12.2	18.3	13.8	1.5	1.4	1.6	1.1	13.5	10.2	13.9	10.0
ATF	15.0	7.4	17.1	8.2	1.5	0.7	1.7	0.8	12.6	6.1	13.5	6.7
SKO	0.9	0.5	1.0	0.5	0.1	0.04	0.09	0.04	0.76	0.38	0.8	0.3
HSD	113.8	85.9	115.9	89.6	10.2	7.6	10.5	8.1	86.8	66.8	87.1	68.2
LDO	0.6	0.7	0.7	0.8	0.05	0.1	0.1	0.1	0.5	0.6	0.5	0.6
LUBES	1.3	3.7	1.4	4.1	0.1	0.4	0.1	0.4	1.0	3.1	0.9	3.4
FO/LSHS	10.4	7.0	10.3	6.5	0.9	0.6	0.7	0.6	9.2	4.9	8.1	5.0
BITUMEN	4.9	8.0	5.2	8.8	0.5	0.7	0.6	0.8	3.6	6.1	3.6	5.8
PET COKE	15.4	18.3	15.1	20.3	1.3	1.7	1.3	1.9	11.2	14.4	11.1	16.1
OTHERS	31.5	15.8	33.3	14.7	2.9	1.4	3.1	0.9	23.6	10.6	26.9	9.1
ALL INDIA	**266.5**	**223.0**	**276.1**	**234.3**	**24.6**	**20.3**	**25.3**	**20.7**	**205.8**	**172.6**	**211.6**	**178.5**
Growth (%)	**4.8%**	**10.6%**	**3.6%**	**5.0%**	**3.9%**	**3.7%**	**2.9%**	**2.1%**	**5.3%**	**4.9%**	**2.8%**	**3.4%**

Note: Prod - Production; Cons - Consumption

Petroleum Products: April-December 2024 (P) (MMT)



12. Kerosene allocation vs upliftment (Kilo Litres)

Product	2021-22		2022-23		2023-24 (P)*		2024-25 (P)	
	Allocation	Upliftment	Allocation	Upliftment	Allocation	Upliftment	Allocation	Upliftment
PDS Kerosene	17,83,344	16,59,906	12,43,644	3,96,115	971,796	383,479	330,900	225,818

* Allocation and upliftment is for Apr-Dec'24.

13. Ethanol blending programme

Particulars	Ethanol Supply Year *				
	2021-22	2022-23	2023-24	Dec'24	Nov'24-Dec'24
Ethanol received by PSU OMCs under EBP Program (in Cr. Litrs)	408.1	494.0	679.0	84.6	109.1
Ethanol blended under EBP Program (in Cr. Litrs)	433.6	508.8	707.4	76.6	140.8
Average Percentage of Blending Sales (EBP%)	10.0%	12.1%	14.6%	18.2%	16.4%

*Ethanol Supply Year : Ethanol supply year for 2022-23 taken for Dec'22-Oct'23 & thereafter changed to ethanol supplies between 1st November of current year to 31st October of the following year.

Note: With effect from 01.04.2019, EBP Programme has been extended to whole of India except UTs of Andaman and Nicobar Islands and Lakshadweep.

14. Industry marketing infrastructure (as on 01.01.2025) (Provisional)

Particulars	IOCL	BPCL	HPCL	RIL/RBML/RSIL	NEL	SHELL	MRPL & Others	Total
POL Terminal/ Depots **(Nos.)**$	127	80	78	17	3		7	**312**
Aviation Fuel Stations **(Nos.)**@	129	73	57	31			10	**300**
Retail Outlets (total) **(Nos.)**,^	39,008	22,921	22,953	1,865	6,614	360	118	**93,839**
out of which Rural ROs	12,806	5,945	5,755	130	2,091	86	36	**26,849**
SKO/LDO agencies **(Nos.)**	3,830	927	1,638					**6,395**
LPG Distributors (total) **(Nos.) (PSUs only)**	12,908	6,264	6,370					**25,542**
LPG Bottling plants **(Nos.) (PSUs only)**#	99	54	56				3	**212**
LPG Bottling capacity **(TMTPA) (PSUs only)**&	11,070	5,220	6,530				203	**23,023**
LPG active domestic consumers **(Nos. crore) (PSUs only)**	15.4	8.5	9.0					**32.9**

$(Others=5 MRPL & 2 NRL); @(Others=ShellMRPL); ^(Others=MRPL); #(Others=NRL-1, OIL-1, CPCL-1); &(Others=NRL-60, OIL-23, CPCL-120); RBML- Reliance BP Mobility Limited; RSIL-RBML Solutions India Ltd.

Industry Alternate fuel infrastructure at Retail outlets (Nos. of ROs as on 01.01.2025) (Provisional)

Alternate fuel	IOCL	BPCL	HPCL	RBML/RSIL	NEL	SHELL	MRPL	Total
CNG_LNG	2328	2215	1851	39	34	0	4	**6471**
EV Charging	11487	3547	5104	128	900	256	46	**21468**
Auto LPG	310	43	92	44	50	0	0	**539**
Compressed Bio-Gas outlets	114	41	57	33	0	0	0	**219**
Total RO's with at least one Alternate fuel	13191	5041	6018	190	978	256	49	**24100**
Solarization at Retail outlets	34641	17796	21334	62	980	0	0	**74813**

पहल
... एक नई दिशा
प्रत्यक्ष हस्तांतरित लाभ

अपना धन पाओ, जन धन बचाओ.

#GiveItUp
Feel *the* Joy *of* Giving

प्रधानमंत्री उज्ज्वला योजना

PART-D

LPG

15. LPG consumption (Thousand Metric Tonne)								
LPG category	2022-23	2023-24	December			April-December		
			2023-24	2024-25(P)	Growth (%)	2023-24	2024-25 (P)	Growth (%)
1. PSU Sales :								
LPG-Packed Domestic	25,381.5	26,207.5	2,334.2	2,446.7	4.8%	19,188.1	20,448.8	6.6%
LPG-Packed Non-Domestic	2,606.0	2,760.2	241.7	239.9	-0.7%	2,055.1	1,999.8	-2.7%
LPG-Bulk	408.9	593.8	45.6	78.9	72.9%	434.4	557.5	28.3%
Auto LPG	106.7	88.0	6.7	5.9	-12.2%	68.2	55.6	-18.5%
Sub-Total (PSU Sales)	28,503.1	29,649.4	**2,628.3**	**2,771.5**	**5.4%**	**21,745.8**	**23,061.6**	**6.1%**
2. Direct Private Imports*	0.1	0.1	0.00	9.61	#DIV/0!	0.04	120.42	313421.2%
Total (1+2)	28,503.2	29,649.5	**2,628.3**	**2,781.1**	**5.8%**	**21,745.8**	**23,182.1**	**6.6%**

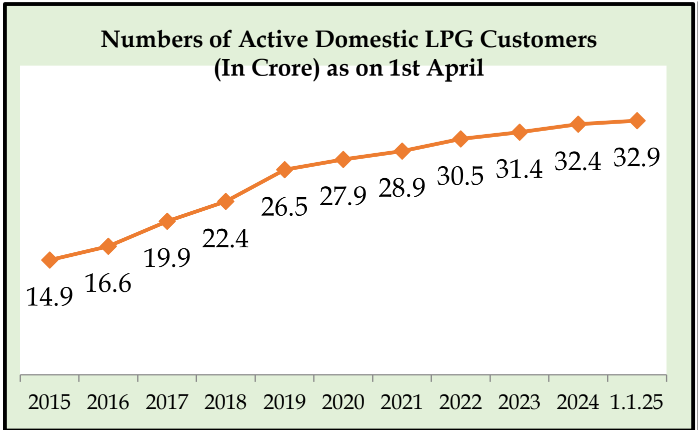
*Nov'24-Dec'24import data from DGCIS data is prorated.

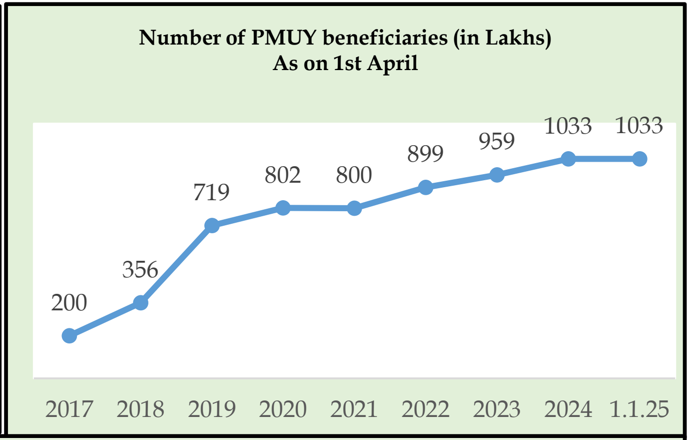
16. LPG marketing at a glance													
Particulars (As on 1st of April)	Unit	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	01.01.25 (P)
LPG Active Domestic Customers	(Lakh)			1486	1663	1988	2243	2654	2787	2895	3053	3140	3242	3288.6
	Growth				11.9%	19.6%	12.8%	18.3%	5.0%	3.9%	5.5%	2.9%	3.2%	2.8%
LPG Coverage (Estimated)	(Percent)			56.2	61.9	72.8	80.9	94.3	97.5	99.8	-	-	-	-
	Growth				10.1%	17.6%	11.1%	16.5%	3.4%	2.3%	-	-	-	-
PMUY Beneficiaries	(Lakh)					200.3	356	719	802	800	899.0	958.6	1032.7	1033
	Growth						77.7%	101.9%	11.5%	-0.2%	12.2%	6.6%	7.7%	3.2%
LPG Distributors	(No.)	12610	13896	15930	17916	18786	20146	23737	24670	25083	25269	25386	25481	25542
	Growth	9.8%	10.2%	14.6%	12.5%	4.9%	7.2%	17.8%	3.9%	1.7%	0.7%	0.5%	0.4%	0.4%
Auto LPG Dispensing Stations	(No.)	667	678	681	676	675	672	661	657	651	601	526	468	445
	Growth	2.3%	1.6%	0.4%	-0.7%	-0.1%	-0.4%	-1.6%	-0.6%	-0.9%	-8.5%	-12.5%	-11.0%	-6.3%
Bottling Plants	(No.)	185	187	187	188	189	190	192	196	200	202	208	210	212
	Growth	0.5%	1.1%	0.0%	0.5%	0.5%	0.5%	1.1%	2.1%	2.0%	1.0%	4.5%	1.0%	1.0%

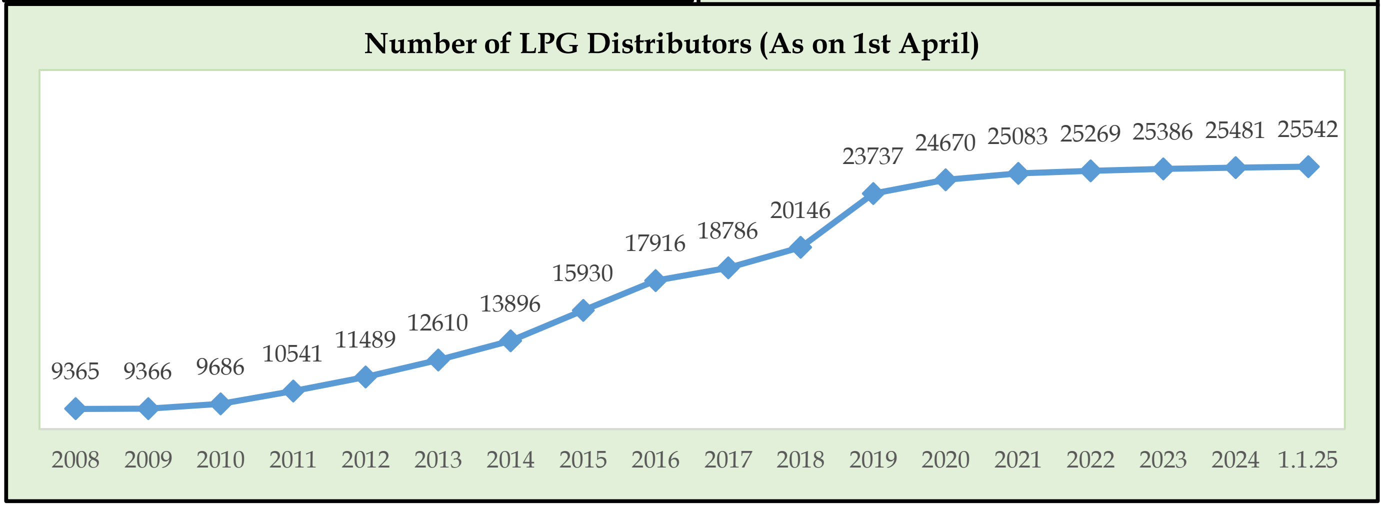
Source: PSU OMCs (IOCL,BPCL and HPCL)

1.Growth rates as on 01.01.2025 are with respect to figs as on 01.12.2023. Growth rates as on 1 April of any year are with respect to figs as on 1 April of previous year.

2. The LPG coverage is calculated by PSU OMCs based upon the active LPG domestic connections and the estimated number of households. The number of households has been projected by PSU OMCs based on 2011 census data. Factors like increasing nuclearization of families, migration of individuals/ families due to urbanization and reduction in average size of households etc. impact the growth of number of households. Due to these factors, the estimated no. of households through projection of 2011 census data may slightly differ from the actual no. of households in a State/UT. Further, this methodology does not include PNG (domestic) connections.

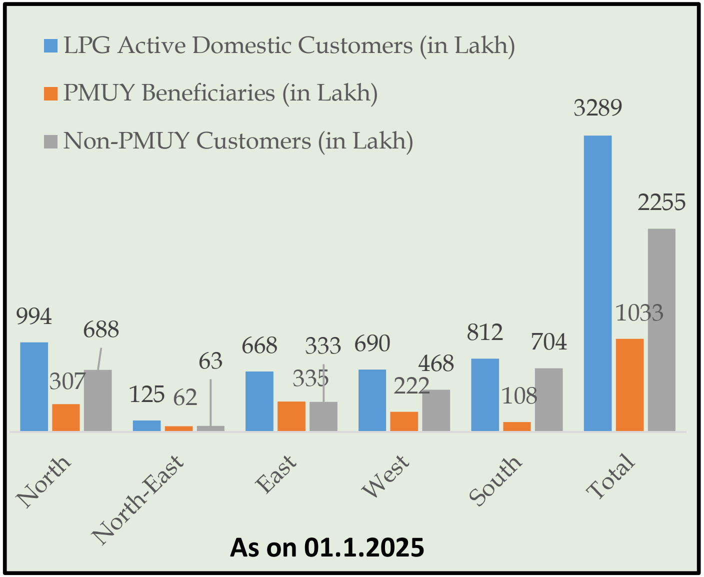

Numbers of Active Domestic LPG Customers
(In Crore) as on 1st April
14.9
16.6
19.9
22.4
26.5
27.9
28.9
30.5
31.4
32.4
32.9
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
1.1.25

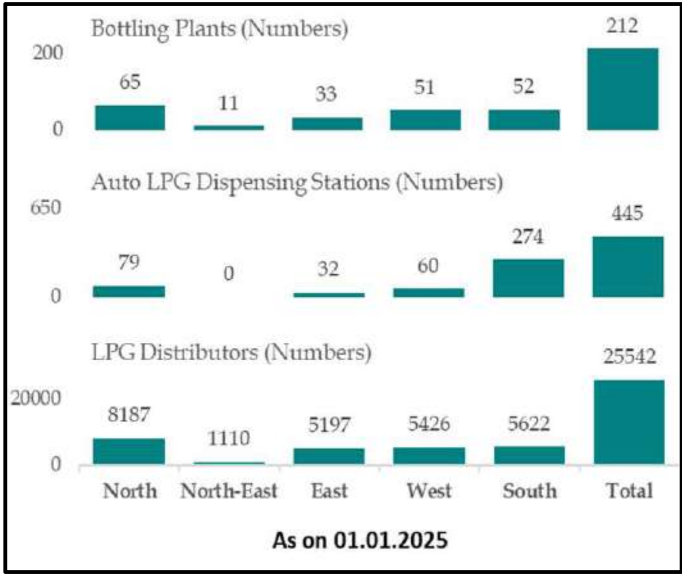

Number of PMUY beneficiaries (in Lakhs)
As on 1st April
200
356
719
802
800
899
959
1033
1033
2017
2018
2019
2020
2021
2022
2023
2024
1.1.25


Number of LPG Distributors (As on 1st April)
9365
9366
9686
10541
11489
12610
13896
15930
17916
18786
20146
23737
24670
25083
25269
25386
25481
25542
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
1.1.25

17-Region-wise data on LPG marketing (As on 01.01.2025)						
Particulars	**North**	**North-East**	**East**	**West**	**South**	**Total**
LPG Active Domestic Customers (in Lakh)	994.3	125.0	667.6	689.6	812.2	3288.6
Non-PMUY Customers (in Lakh)	687.5	63.1	333.0	467.6	704.1	2255.3
PMUY Beneficiaries (in Lakh)	306.8	61.9	334.7	222.0	108.1	1033.4
LPG Distributors (Numbers)	8187	1110	5197	5426	5622	25542
Auto LPG Dispensing Stations (Numbers)	79	0	32	60	274	445
Bottling Plants* (Numbers)	65	11	33	51	52	212

*Includes Numaligarh BP, Duliajan BP and CPCL BP.





PART-E

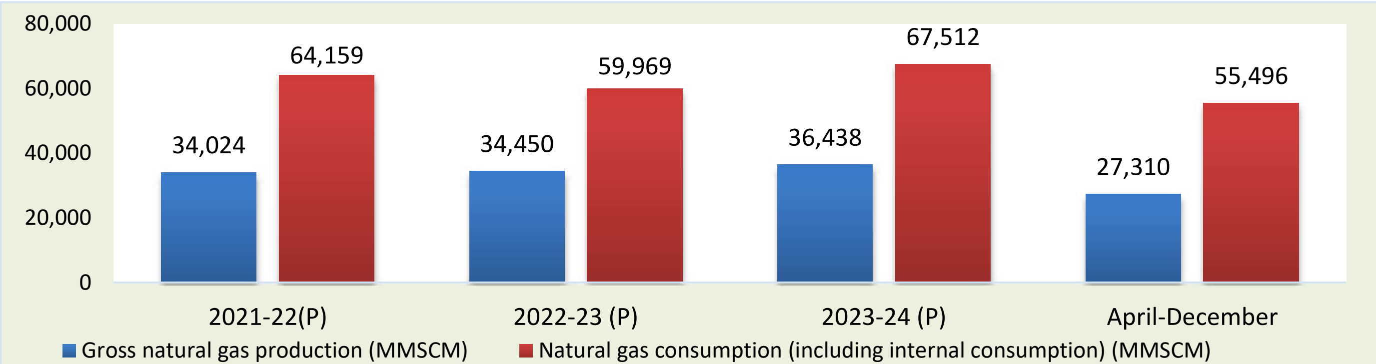
Natural Gas

18. Natural gas at a glance

(MMSCM)

Details	2022-23	2023-24	December 2023-24 (P)	December 2024-25 (Target)	December 2024-25 (P)	April-December 2023-24 (P)	April-December 2024-25 (Target)	April-December 2024-25 (P)
(a) Gross production	34,450	36,438	3,132	3,348	3,066	27,214	29,565	27,310
- ONGC	19,969	19,316	1,605	1,716	1,594	14,550	14,939	14,172
- Oil India Limited (OIL)	3,041	3,090	263	340	270	2,311	2,941	2,387
- Private / Joint Ventures (JVs)	11,440	14,032	1,264	1,292	1,201	10,352	11,685	10,751
(b) Net production (excluding flare gas and loss)	33,664	35,717	3,078		3,026	26,684		26,910
(c) LNG import#	26,304	31,795	2,557		3,022	23,043		28,586
(d) Total consumption including internal consumption (b+c)	59,969	67,512	5,635		6,048	49,727		55,496
(e) Total consumption **(in BCM)**	60.0	67.5	5.6		6.0	49.7		55.5
(f) Import dependency based on consumption (%), {c/d*100}	43.9	47.1	45.4		50.0	46.3		51.5

Nov '24-Dec'24 LNG data from DGCIS is prorated.



19. Coal Bed Methane (CBM) gas development in India

Prognosticated CBM resources		91.8	TCF
Established CBM resources		10.4	TCF
CBM Resources (33 Blocks)		62.8	TCF
Total available coal bearing areas (India)		32760	Sq. KM
Total available coal bearing areas with MoPNG/DGH		12254*	Sq. KM
Area awarded		21,177**	Sq. KM
Blocks awarded*		39	Nos.
Exploration initiated (Area considered if any boreholes were drilled in the awarded block)		11008	Sq. KM
Production of CBM gas	April-December 2024 (P)	557.28	MMSCM
Production of CBM gas	December 2024 (P)	67.64	MMSCM

*ST CBM Block awarded & relinquished twice- in CBM Round II and Round IV -Area considered if any boreholes were drilled in the awarded block. **MoPNG awarded 04 new CBM Blocks (Area 3862 sq. km) under Special CBM Bid Round 2021 in September 2022. ***Area considered if any boreholes were drilled in the awarded block.

19a. Status of Compressed Bio Gas (CBG) projects under SATAT (as on 01.01.2025) (Provisional)

Particulars	Units	IOCL	HPCL	BPCL	GAIL#	IGL	Total
No. of CBG plants commissioned and initiated sale of CBG	No. of plants	37*	13	8	19	6	**81***
Start of CBG sale from retail outlet(s)	Nos.	97	85	71	1	0	**254**
Sale of CBG in 2022-23	Tons	5,822	77	6	5322		**11,227**
Sale of CBG in 2023-24	Tons	6500	309	102	12813		**19,724**
Sale of CBG in 2024-25 (up to December 2024)	Tons	5549	1433	218	20129		**27,329**
Sale of CBG in CGD network	GA Nos.				53		**44**

Sale of CBG sourced under CBG-CGD synchronization scheme from OGMC's (IOC-1355 Ton, BPCL-4752 Ton, HPCL-3337 Tons and IGL' sales) are reported in GAIL's CBG Sales figures.*2 LOI holders of IndianOil are supplying CBG produced at their plants to two other OGMCs and hence they are counted only once in cumulative CBG plants commissioned on industry basis.

20. Common Carrier Natural Gas pipeline network as on 30.10.2024

Nature of pipeline		GAIL	GSPL	PIL	IOCL	AGCL	RGPL	GGL	DFPCL	ONGC	GIGL	GITL	Others*	Total
Operational	Length	10,996	2,722	1,483	143	107	304	73	42	24				**15,894**
	Capacity	233.2	43.0	85.0	20.0	2.4	3.5	5.1	0.7	6.0				-
Partially commissioned#	Length	4,933			1,080						1,302	364		**7,679**
	Capacity	0.0												-
Total operational length		**15,929**	**2,722**	**1,483**	**1,223**	**107**	**304**	**73**	**42**	**24**	**1,302**	**364**	**0**	**23,573**
Under construction	Length	2,605	100		65						0	220	2,640	**5,630**
	Capacity	26.3	3.0		1.0						0.0	36.0	42.0	-
Total length		**18,534**	**2,822**	**1,483**	**1,288**	**107**	**304**	**73**	**42**	**24**	**1,302**	**584**	**2,640**	**29,203**

Source: PNGRB; Length in KMs ; Authorized Capacity in MMSCMD (Arithmetic sum taken for each entity -capacity may vary from pipeline to pipeline); *Others-APGDC, , IGGL, IMC,GTIL,HPPL Consortium of H-Energy. Total authorized Natural Gas pipelines including Tie-in connectivity, dedicated & STPL is 33,347 Kms (P),however total operational and Under Construction Pipeline length is 35,217 Kms (P)

21. Existing LNG terminals

Location	Promoters	Capacity as on 01.01.2025 (MMTPA)	% Capacity utilisation (April- November 2024)
Dahej	Petronet LNG Ltd (PLL)	17.5	101.6
Hazira	Shell Energy India Pvt. Ltd.	5.2	40.9
Dabhol	Konkan LNG Limited*	5	39.4
Kochi	Petronet LNG Ltd (PLL)	5	22.1
Ennore	Indian Oil LNG Pvt Ltd	5	24.4
Mundra	GSPC LNG Limited	5	24.5
Dhamra	Adani Total Private Limited	5	24.4
Total Capacity		**47.7**	

* To increase to 5 MMTPA with breakwater. Only HP stream of capacity of 2.9 MMTPA is commissioned

22. Status of PNG connections and CNG stations across India (Nos.) as on 30.11.2024(P)				
State/UT (State/UTs are clubbed based on the GAs authorised by PNGRB)	CNG Stations	PNG connections		
		Domestic	Commercial	Industrial
Andhra Pradesh	196	278,076	529	53
Andhra Pradesh, Karnataka & Tamil Nadu	47	12,816	14	11
Assam	26	64,972	1,427	470
Bihar	159	189,021	164	25
Bihar & Jharkhand	18	9,573	11	0
Bihar & Uttar Pradesh	26	13,039	0	0
Chandigarh (UT), Haryana, Punjab & Himachal Pradesh	34	28,731	189	53
Chhattisgarh	25	6,663	0	0
Dadra & Nagar Haveli (UT)	6	12,868	60	66
Daman & Diu (UT)	5	5,326	97	59
Daman and Diu & Gujarat	15	8,685	36	0
Goa	14	16,547	42	49
Gujarat	1,025	3,463,287	24,036	5,834
Haryana	438	413,366	1,218	2,652
Haryana	25	27,881	144	72
Haryana & Himachal Pradesh	14	56	1	0
Haryana & Punjab	27	2,163	0	0
Himachal Pradesh	16	8,487	36	6
Jharkhand	104	141,105	61	10
Karnataka	411	477,844	640	388
Kerala	175	112,972	106	30
Kerala & Puducherry	25	7,745	0	0
Madhya Pradesh	319	255,092	555	565
Madhya Pradesh and Chhattisgrah	9	0	0	0
Madhya Pradesh and Rajasthan	37	1,145	2	0
Madhya Pradesh and Uttar Pradesh	20	0	0	3
Maharashtra	950	3,706,961	5,067	1,082
Maharashtra & Gujarat	75	210,135	11	43
Maharashtra and Madhya Pradesh	16	0	0	0

State/UT (State/UTs are clubbed based on the GA's authorised by PNGRB)	CNG Stations	PNG connections		
		Domestic	Commercial	Industrial
National Capital Territory of Delhi (UT)	494	1,650,646	4,402	1,918
Odisha	125	133,887	26	3
Puducherry	10	0	0	0
Puducherry & Tamil Nadu	8	456	4	1
Punjab	227	98,457	775	337
Punjab & Rajasthan	22	5,929	0	0
Rajasthan	347	361,553	366	1,773
Tamil Nadu	343	49,857	26	38
Telangana	200	219,173	144	141
Telangana and Karnataka	12	126	0	2
Tripura	22	64,104	508	62
UT of Jammu and Kashmir	2	0	0	0
Uttar Pradesh	1,031	1,734,487	3,081	3,689
Uttar Pradesh	29	9,167	36	8
Uttar Pradesh & Rajasthan	47	24,234	65	352
Uttar Pradesh and Uttrakhand	32	16,350	0	0
Uttarakhand	37	75,355	111	124
West Bengal	150	52,399	7	1
Grand Total	**7,395**	**13,970,736**	**43,997**	**19,920**

Note: 1. All the GAs where PNG connections/CNG Stations have been established are considered as Operational, 2. Under normal conditions. Operation of any particular GA commences within around one year of authorization. 3. State/UTs wherever clubbed are based on the GAs authorised by PNGRB.

23. Domestic Natural Gas price and Gas price ceiling (GCV basis)

Period	Domestic Natural Gas price in US$/MMBTU	Gas price ceiling in US$/MMBTU
April 2021 - September 2021	1.79	3.62
October 2021 - March 2022	2.90	6.13
April 2022 - September 2022	6.10	9.92
October 2022 - March 2023	8.57	12.46
1 April 2023 - 7 April 2023	9.16	12.12

Period	Domestic Gas calculated price in US$/MMBTU	Domestic Gas ceiling price for ONGC/OIL in US$/MMBTU	Period	HP-HT Gas price ceiling in US$/MMBTU
8 April 2023- 30 April 2023	7.92	6.50	April 2023-September 2023	12.12
1 May 2023 - 31May 2023	8.27	6.50		
1 June 2023 - 30 June 2023	7.58	6.50		
1 July 2023 - 31 July 2023	7.48	6.50		
1 Aug 2023 - 31 Aug 2023	7.85	6.50		
1 Sept 2023 - 30 Sept 2023	8.60	6.50		
1 Oct 2023 - 31 Oct 2023	9.20	6.50	October'2023 - March 2024	9.96
1 Nov 2023 - 30 Nov2023	9.12	6.50		
1 Dec 2023 - 31 Dec 2023	8.47	6.50		
1 Jan 2024 - 31 Jan 2024	7.82	6.50		
1 Feb 2024- 29 Feb 2024	7.85	6.50		
1 Mar 2024- 31 Mar 2024	8.17	6.50		
1 April 2024 - 30 April 2024	8.38	6.50	April 2024-September 2024	9.87
1 May 2024 - 31 May 2024	8.90	6.50		
1 June 2024 - 30 June 2024	8.44	6.50		
1 July 2024 - 31 July 2024	8.24	6.50		
1 Aug 2024 - 31 Aug 2024	8.51	6.50		
1 Sept 2024-30 Sept 2024	7.85	6.50		
1 Oct 2024 - 31 Oct 2024	7.48	6.50	October 2024 - March 2025	10.16
1 Nov 2024 - 30 Nov 2024	7.53	6.50		
1 Dec 2024 - 31 Dec 2024	7.29	6.50		
1 Jan 2024 - 31 Jan 2024	7.30	6.50		

Natural Gas prices are on GCV basis

24. CNG/PNG prices

City	CNG (Rs/Kg)	PNG (Rs/SCM)	Source
Delhi	75.09	48.59	IGL website (13.01.2025)
Mumbai	77.00	48.00	MGL website (13.01.2025)

Indian Natural Gas Spot Price for Physical Delivery

IGX Price Index Month	Avg. Price		Volume (MMSCM)	Source
	INR/MMBtu	$/MMBtu		
`December 2024	1215	14.30	67.70	As per IGX website:

*Prices are weighted average prices|$1=INR 84.98| 1 MMBtu=25.2 SCM (Data Excluding Ceiling Price Gas)

PART-F

Taxes & Duties on Petroleum Products

25. Information on Prices, Taxes and Under-recoveries/Subsidies

International FOB prices/ Exchange rates ($/bbl)

Particulars	2021-22	2022-23	Dec'24
Crude oil (Indian Basket)	79.18	93.15	73.34
Petrol	89.66	107.00	81.35
Diesel	88.45	128.08	86.42
Kerosene	85.31	120.55	85.47
LPG ($/MT)	692.67	711.50	632.00
FO ($/MT)	445.25	452.66	425.79
Naphtha ($/MT)	698.25	666.53	606.63
Exchange (Rs./$)	74.51	80.39	84.99

Customs, excise duty & GST rates

Product	Basic customs duty #	Excise duty	GST rates
Petrol	2.50%	Rs 19.90/Ltr	**
Diesel	2.50%	Rs 15.80/Ltr	**
PDS SKO	5.00%	Not Applicable	5.00%
Non-PDS SKO	5.00%		18.00%
Domestic LPG	Nil***		5.00%
Non Domestic LPG	5.00%		18.00%
Furnace Oil (Non-Fert)	2.50%		18.00%
Naphtha (Non-Fert)	2.50%		18.00%
ATF	5.00%	11% *	**
Crude Oil	Rs.1/MT+ Rs.50/-MT as NCCD	Rs.1/MT+ Cess@20% + Rs.50 /-MT NCCD+^^^	**

Social welfare surcharge @ 10% is levied on aggregate duties of Customs excluding CVD in lieu of IGST;
*2% for scheduled commuter airlines from regional connectivity scheme airports;
** GST Council shall recommend the date on which GST shall be levied on petroleum crude , HSD, MS, natural gas and ATF;
*** Basic Customs duty is Nil for import of domestic LPG sold to household consumers (including NDEC) by PSU OMCs. Basic Customs duty rate is 5% for other importers of domestic LPG;
^^^Effective 02.12.2024 SAED on crude oil scrapped

Price buildup of petroleum products (Rs./litre/Cylinder) *

Particulars	Petrol	Diesel
Price charged to dealers (excluding Excise Duty and VAT)	55.08	56.02
Excise Duty	19.90	15.80
Dealers' Commission (Average)	4.39	3.02
VAT (incl VAT on dealers' commission)	15.40	12.83
Retail Selling Price	**94.77**	**87.67**

Particulars	PDS SKO	Subsidised Domestic LPG
Price before taxes and dealers'/distributors' commission	51.60	691.68
Dealers'/distributors' commission	2.65	73.08
GST (incl GST on dealers'/distributors' commission)	2.71	38.24
Retail Selling Price	**56.96**	**803.00**

*Petrol and Diesel at Delhi as per IOCL are as on 01st Jan 2025. PDS SKO at Mumbai as on 1st Jan 2025 and Subsidised Domestic LPG at Delhi as on 1st Jan 2025.

25. Information on Prices, Taxes and Under-recoveries/Subsidies

DBTL/ PMUY Subsidy

Domestic LPG under DBTL (Direct benefit transfer for LPG)

Product	2021-22	2022-23	2023-24 (P)
	Rs./Crore		
DBTL subsidy	-	823	1,143
PME &IEC^	242	32	84
Total	**242**	**855**	**1,227**

^ On payment basis (PME & IEC - Project Management Expenditure & Information , Education and Communication)

Note: During FY 2022-23 Government of India has approved a one-time grant of Rs. 22,000 crores to PSU OMCs towards under-recoveries in Domestic LPG.

PMUY

Particulars	2021-22	2022-23	2023-24 (P)
	Rs./Crore		
PMUY	1,569	6,110	10,217
PME &IEC^	-	-	-
Pradhan Mantri Gareeb Kalyan Yojana	-	-	-
Total	**1,569**	**6,110**	**10,217**

^ On payment basis (PME & IEC - Project Management Expenditure & Information , Education and Communication)

Total Subsidy as a percentage of GDP (at current prices)

Particulars	2021-22	2022-23	2023-24
Petroleum subsidy	0.01	0.11	0.04

Note: GDP figure for 2021-22 are Actual; 2022-23 First Revised Estimates and 2023-24 Provisional Estimates . Source: MoSPI, GOI.

Sales & profit of petroleum sector (Rs. Crores)

Particulars	2023-24		H1 2024-25 (P)	
	Turnover	PAT	Turnover	PAT
Upstream/midstream Companies (PSU)	289,654	54,914	146,437	29,619
Downstream Companies (PSU)	18,27,390	80,986	882,351	9,222
Standalone Refineries (PSU)	208,127	8,470	102,508	-298
Private-RIL	574,956	42,042	280,350	15,324

Borrowings of OMCs (Rs. Crores), As on

Company	Mar'23	Mar'24	Sept'24
IOCL	132,495	116,496	142,727
BPCL	35,855	18,767	21,529
HPCL	64,517	60,254	65,666

Petroleum sector contribution to Central/State Govt.

Particulars	2022-23	2023-24	2024-25 (H1) (P)
Central Government	4,28,067	4,32,394	183,319
% of total revenue receipts*	18%	16%	
State Governments	3,20,651	3,18,762	1,55,867
% of total revenue receipts^	8%	8%	
Total (Rs. Crores)**	**7,48,718**	**7,51,156**	**3,39,185**

* Source – Receipt Budget of Government of India. (Actual for 2022-23 and RE for 2023-24)

^ Source – RBI Study of State Finances. (Actual for 2022-23 and RE for 2023-2024)

**Totals may not tally due to roundoff.

PART-G

Miscellaneous

26. Capital expenditure of PSU oil companies

(Rs in crores)

Company	2021-22	2022-23 (P)	2023-24 (P)	2024-25 (P) Target (Annual)	2024-25 (P) Apr-Nov'24*
ONGC Ltd	26,621	29,209	34,551	30,800	36,976
ONGC Videsh Ltd (OVL)	4,836	2,723	3,262	5,580	2,710
Oil India Ltd (OIL)	4,239	5,057	5,390	6,880	3,724
GAIL (India) Ltd	6,970	8,313	10,388	8,044	4,691
Indian Oil Corp. Ltd. (IOCL)	29,604	35,205	38,660	30,909	25,240
Bharat Petroleum Corp. Ltd (BPCL)	11,449	11,527	11,002	13,000	9,555
Hindustan Petroleum Corp. Ltd (HPCL)	16,205	13,847	13,842	12,500	8,040
Mangalore Refinery & Petrochem Ltd (MRPL)	604	641	1,513	820	519
Chennai Petroleum Corp. Ltd (CPCL)	575	609	561	501	466
Numaligarh Refinery Ltd (NRL)	3,403	6,615	8,585	9,375	5,705
Balmer Lawrie Co. Ltd (BL)	23	46	47	40	21
Engineers India Ltd (EIL)	67	60	108	50	20
Total	**104,596**	**113,853**	**127,908**	**118,499**	**97,667**

Includes expenditure on investment in JV/subsidiaries. Totals may not tally due to roundoff.

(P) Provisional

*Dec-24 figures are not released till the publication of this report.

27. Conversion factors and volume conversion

Weight to volume conversion

Product	Weight (MT)	Volume (KL)	Barrel (bbl)
LPG	1	1.844	11.60
Petrol (MS)	1	1.411	8.88
Diesel (HSD)	1	1.210	7.61
Kerosene (SKO)	1	1.285	8.08
Aviation Turbine Fuel (ATF)	1	1.288	8.10
Light Diesel Oil (LDO)	1	1.172	7.37
Furnace Oil (FO)	1	1.0424	6.74
Crude Oil	1	1.170	7.33

Exclusive Economic Zone

200 Nautical Miles	370.4 Kilometers

Volume conversion

From	To
1 US Barrel (bbl)	159 litres
1 US Barrel (bbl)	42 US Gallons
1 US Gallon	3.78 litres
1 Kilo litre (KL)	6.29 bbl
1 Million barrels per day	49.8 MMTPA

Energy conversion

1 Kilocalorie (kcal)	4.187 kJ
1 Kilocalorie (kcal)	3.968 Btu
1 Kilowatt-hour (kWh)	860 kcal
1 Kilowatt-hour (kWh)	3,412 Btu

Natural gas conversions

1 Standard Cubic Metre (SCM)	35.31 Cubic Feet	1 MMBTU	25.2 SCM @10000 kcal/SCM
1 Billion Cubic Metres (BCM)/year of Gas	2.74 MMSCMD	GCV (Gross Calorific Value)	10,000 kcal/SCM
1 Trillion Cubic Feet (TCF) of Gas Reserve	3.88 MMSCMD	NCV (Net Calorific Value)	90% of GCV
1 Million Metric Tonne Per Annum (MMTPA) of LNG	3.60 MMSCMD	Gas required for 1 MW power generation	4,541 SCM/day
1 MT of LNG	1,325 SCM	Power generation from 1 MMSCMD of gas	220 MW

For any Information, please contact.

Director General
Petroleum Planning & Analysis Cell

(Ministry of Petroleum & Natural Gas, Government of India)
SCOPE Complex, 2nd Floor Core-8, Lodhi Road, New Delhi-110003
Tel.: 011-24306191/92, 011-24361314, www.ppac.gov.in