



SNAPSHOT OF INDIA'S OIL & GAS DATA



MONTHLY READY RECKONER

October-2024

 **Petroleum Planning and Analysis Cell**

(Ministry of Petroleum and Natural Gas)



Analysis • Knowledge • Information

Snapshot of India's Oil & Gas data

Monthly Ready Reckoner

October 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.

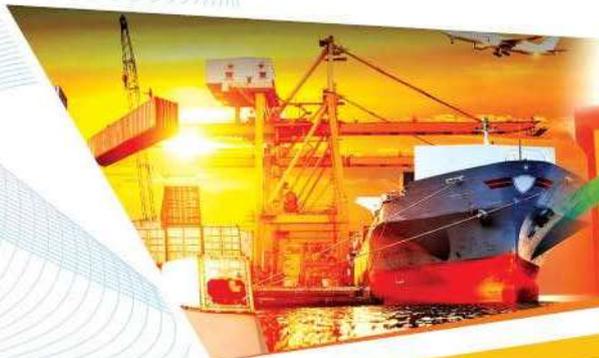
Table of contents

Table	Description	Page No.
	Highlights for the month	2-3
	ECONOMIC INDICATORS	
1	Selected indicators of the Indian economy	5
2	Crude oil, LNG and petroleum products at a glance; Graph	6-7
	CRUDE OIL, REFINING & PRODUCTION	
3	Indigenous crude oil production	9
4	Domestic oil & gas production vis-à-vis overseas production	9
5	High Sulphur (HS) & Low Sulphur (LS) Crude Oil processing	9
6	Quantity and value of crude oil imports	10
7	Self-sufficiency in petroleum products	10
8	Refineries: Installed capacity and crude oil processing	11-12
9	Crude oil and product pipeline network	12
	Oil and Gas map of India	13
10	Gross Refining Margins (GRM) of companies; Graph	14-15
	CONSUMPTION	
11	Production and consumption of petroleum products; Graph	17-18
12	Kerosene allocation vs upliftment	19
13	Ethanol blending programme	19
14	Industry marketing infrastructure	19
	LIQUEFIED PETROLEUM GAS (LPG)	
15	LPG consumption	21
16	LPG marketing at a glance; Graph	21-22
17	Region-wise data on LPG marketing; Graph	23
	NATURAL GAS	
18	Natural gas at a glance; Graph	25
19	Coal Bed Methane (CBM) gas development in India	26
20	Major natural gas pipeline network	26
21	Existing LNG terminals	26
22	Status of PNG connections & CNG stations across India	27-28
23	Domestic natural gas price and gas price ceiling	29
24	CNG/PNG prices in selected cities	29
	TAXES & DUTIES ON PETROLEUM PRODUCTS	
25	Information on prices, taxes and under-recoveries/subsidies	31-32
	MISCELLANEOUS	
26	Capital expenditure of PSU oil companies	34
27	Conversion factors and volume conversion	35

Highlights for the month

- Indigenous crude oil and condensate production during October 2024 was 2.4 MMT. OIL registered a production of 0.3 MMT, ONGC registered a production of 1.6 MMT whereas PSC/RSC registered production of 0.5 MMT during October 2024. There is a de-growth of 4.9 % in crude oil and condensate production during October 2024 as compared with the corresponding period of the previous year.
- Total Crude oil processed during October 2024 was 21.3 MMT which is 3.6 % higher than October 2023, where PSU/JV refiners processed 14.1 MMT and private refiners processed 7.2 MMT of crude oil. Total indigenous crude oil processed was 2 MMT and total Imported crude oil processed was 19.3 by all Indian refineries (PSU+JV+PVT). There was a growth of 2 % in total crude oil processed in April-October FY 2024-25 as compared to same period of previous Financial Year.
- Crude oil imports increased by 4.2% and 3.5% during October 2024 and April-October FY 2024-25 respectively as compared to the corresponding period of the previous year. As compared to net import bill for Oil & Gas for Oct 2023 of \$ 11.8 billion, the net import bill for Oil & Gas for Oct 2024 was \$ 10.6 billion. Out of which, crude oil imports constitutes \$ 10.6 billion, LNG imports \$1.2 billion and the exports were \$ 3.3 billion during Oct 2024.
- The price of Brent Crude averaged \$75.66/bbl during Oct 2024 as against \$74.33/bbl during Sept 2024 and \$91.05/bbl during Oct 2023. The Indian basket crude price averaged \$75.12/bbl during Oct 2024 as against \$73.69/bbl during Sept 2024 and \$90.08 /bbl during Oct 2023.
- Production of petroleum products was 23 MMT during October 2024 which is 5.2% higher than October 2023. Out of 23 MMT, 22.7 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-October FY 2024 – 25 as compared to same period of FY 2023 – 24. Out of total POL production, in October 2024, share of major products including HSD is 41 %, MS 16.8 %, Naphtha 6.7 %, ATF 6.6 %, Pet Coke 5.3 %, LPG 4.5 %, and rest is shared by Bitumen, FO/LSHS, LDO, Lubes & others.
- POL products imports decreased by 2.2% and increased by 7.7% during October 2024 and April-October FY 2024-25 respectively as compared to the corresponding period of the previous year. Increase in POL products imports during April-October FY 2024-25 were mainly due to increase in imports of petcoke, liquified petroleum gas (LPG) and lubes/LOBS etc.

<ul style="list-style-type: none"> Exports of POL products increased by 12.7% and 4.2% during October 2024 and April-October FY 2024-25 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April-October FY 2024-25 were mainly on account of increase in exports of petcoke/CBFS, fuel oil (FO), motor spirit (MS) and aviation turbine fuel (ATF) etc.
<ul style="list-style-type: none"> The consumption of petroleum products during April-Oct 2024, with a volume of 137.6 MMT, reported a growth of 3.0 % compared to the volume of 133.7 MMT during the same period of the previous year. This growth was led by 7.4% growth in MS, 6.6% in LPG, 10.2% growth in ATF, 0.8% in HSD ,15.5% growth in Lubes, 10.0% growth in Petcoke and 1.4% in Naphtha and consumption besides growth in FO/LSHS during the period. The Consumption of petroleum products for the month of Oct-2024 recorded growth of 2.9% with a volume of 20.0 MMT compared to the same period of the previous year.
<ul style="list-style-type: none"> Total Natural Gas Consumption (including internal consumption) for the month of October 2024 was 6005 MMSCM which was 4.2% higher than the corresponding month of the previous year. The cumulative consumption of 43033 MMSCM for the current financial year till October 2024 was higher by 11.2% compared with the corresponding period of the previous year.
<ul style="list-style-type: none"> Gross production of natural gas for the month of October 2024 (P) was 3111 MMSCM which was lower by 1.6% compared with the corresponding month of the previous year. The cumulative gross production of natural gas of 21271 MMSCM for the current financial year till October 2024 was higher by 1.1% compared with the corresponding period of the previous year.
<ul style="list-style-type: none"> LNG import for the month of October 2024 (P) are calculated on prorata basis and was 2932 MMSCM which was 10.5% higher than the corresponding month of the previous year. The cumulative import of 22085(P) MMSCM for the current financial year till October 2024 is higher by 22.2 % compared with the corresponding period of the previous year.



GROSS DOMESTIC PRODUCT

GDP



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	-6.6	9.1	7.2	7.6	6.7
			1st RE	1st RE	1st RE	PE	(E)	Q1 (E)
3	Agricultural Production (Food grains)	MMT	297.5	310.7	315.7	329.7	332.3	164.7
					4th AE	FE	FE	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	6.7	6.4	5.9	4.9
				RE	RE	RE	RE	OE

Economic indicators		Unit/ Base	2022-23	2023-24	October		April-October	
					2023-24	2024-25(P)	2023-24	2024-25 (P)
5	Index of Industrial Production (Base: 2011-12)	Growth %	5.2	5.9	6.4	3.1* QE	6.2#	4.0#
6	Imports^	\$ Billion	714.2	677.2	54.5	55.4	330.3	350.7
7	Exports^	\$ Billion	451.0	437.1	34.4	34.6	211.1	213.2
8	Trade Balance	\$ Billion	-263.2	-240.1	-20.1	-20.8	-119.2	-137.4
9	Foreign Exchange Reserves @	\$ Billion	578.4	645.6	586.1	684.8	-	-

Population projection by RGI is taken as on 1st July for the year. IIP is for the month of *Sept'24 and #April-Sept'23 and Apr-Sept'24; @ 2022-23 as on March 31, 2023, 2023-24 as on March 29, 2024, Oct 2023 as on Oct' 27, 2023 and Oct, 2024 as on Oct 25, 2024; ^Imports & Exports are for Merchandise for the month of Sept 2023 & Sept 2024 and Apr-Sept 2023 and Apr-Sept 2024.; Agricultural growth for 24-25 is w.r.t. 1st AE for 23-24; E: Estimates; PE: Provisional Estimates; AE-Advanced Estimates; RE-Revised Estimates; QE-Quick Estimates; FE-Final Estimates.

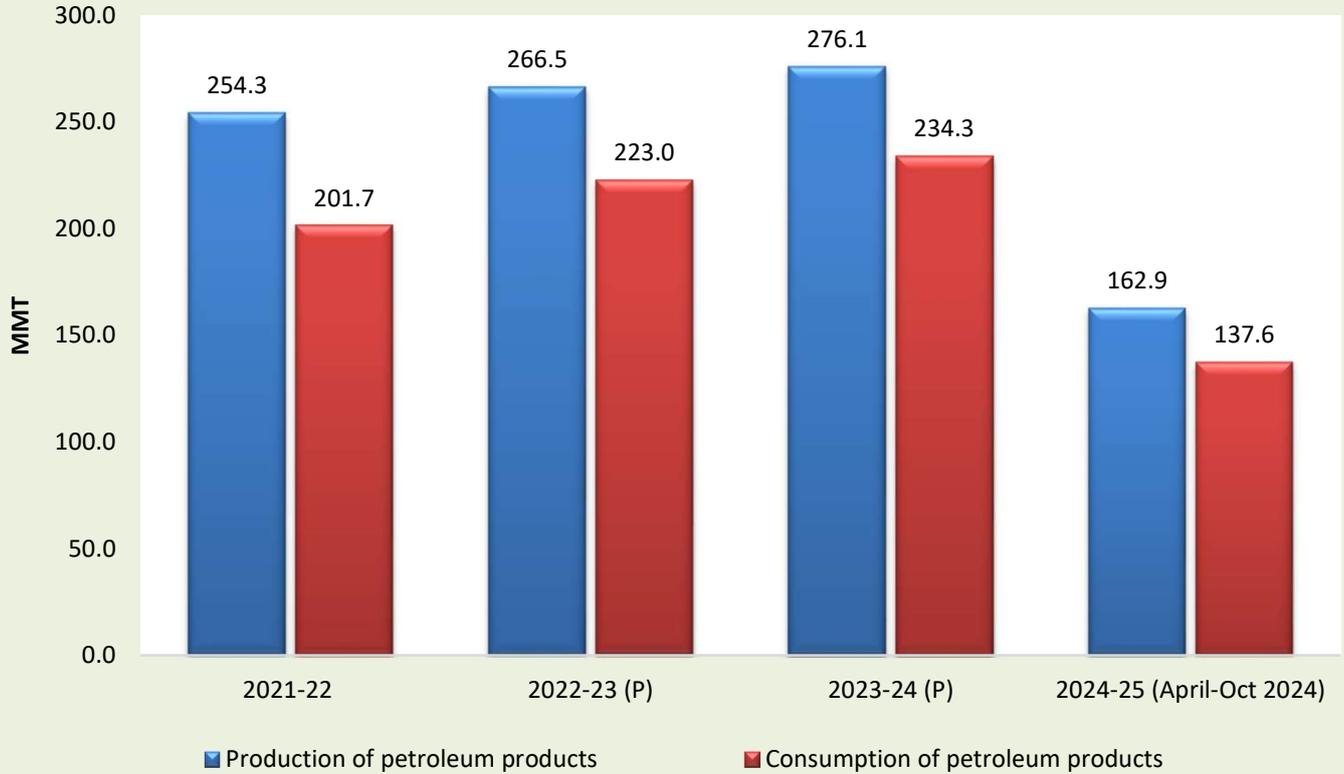
Source: Registrar General India, Ministry of Commerce & Industry, Ministry of Statistics and Programme Implementation, Ministry of Agriculture & Farmer's Welfare, Ministry of Finance, Reserve Bank of India

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

Details		Unit/ Base	2022-23 (P)	2023-24 (P)	October		April-October	
					2023-24 (P)	2024-25 (P)	2023-24 (P)	2024-25 (P)
1	Crude oil production in India [#]	MMT	29.2	29.4	2.5	2.4	17.2	16.7
2	Consumption of petroleum products*	MMT	223.0	234.3	19.5	20.0	133.7	137.6
3	Production of petroleum products	MMT	266.5	276.1	21.8	23.0	158.4	162.9
4	Gross natural gas production	MMSCM	34,450	36,438	3,161	3,111	21,040	21,271
5	Natural gas consumption	MMSCM	59,969	67,512	5,764	6,005	38,684	43,033
6	Imports & exports:							
Crude oil imports		MMT	232.7	234.3	18.7	19.5	135.4	140.2
		\$ Billion	157.5	133.4	11.9	10.6	75.9	81.7
Petroleum products (POL) imports*		MMT	44.6	48.7	4.5	4.4	27.9	30.1
		\$ Billion	26.9	22.9	2.4	2.2	13.0	14.1
Gross petroleum imports (Crude + POL)		MMT	277.3	283.0	23.3	24.0	163.3	170.2
		\$ Billion	184.4	156.3	14.3	12.7	88.9	95.8
Petroleum products (POL) export		MMT	61.0	62.6	4.5	5.1	35.3	36.8
		\$ Billion	57.3	47.7	3.6	3.3	27.3	25.4
LNG imports*		MMSCM	26,304	31,795	2,653	2,932	18,070	22,085
		\$ Billion	17.1	13.3	1.1	1.2	7.6	8.9
Net oil & gas imports		\$ Billion	144.2	121.9	11.8	10.6	69.2	79.3
7	Petroleum imports as percentage of India's gross imports (in value terms) ^{^^}	%	25.8	23.1	26.2	23.0	23.1	23.4
8	Petroleum exports as percentage of India's gross exports (in value terms) ^{^^}	%	12.7	10.9	10.5	9.5	11.1	10.2
9	Import dependency of crude oil (on POL consumption basis)	%	87.4	87.8	87.7	89.0	87.6	88.1

[#]Includes condensate; ^{*}Private direct imports are prorated for the period Sept'24 to Oct'24 for POL. LNG Imports figure from DGCIS are prorated for Sept'24 to Oct'24. Total may not tally due to rounding off. ^{^^} Import and Exports for Oct'24 is prorated.

Production & Consumption of Petroleum Products (MMT)





PART-B

Crude Oil, Refining & Production

3. Indigenous crude oil production (Million Metric Tonnes)

Details	2022-23 (P)	2023-24 (P)	October			April-October		
			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	1.4	10.6	11.5	10.3
Oil India Limited (OIL)	3.2	3.3	0.3	0.3	0.3	1.9	2.2	2.0
Private / Joint Ventures (JVs)	6.2	5.7	0.5	0.7	0.4	3.4	4.4	3.1
Total Crude Oil	27.8	27.2	2.3	2.7	2.2	15.9	18.0	15.4
ONGC condensate	1.0	1.1	0.1	0.0	0.1	0.6	0.0	0.6
PSC condensate	0.3	1.1	0.1	0.0	0.1	0.6	0.0	0.7
Total condensate	1.4	2.2	0.2	0.0	0.2	1.2	0.0	1.3
Total (Crude + Condensate) (MMT)	29.2	29.4	2.5	2.7	2.4	17.2	18.0	16.7
Total (Crude + Condensate) (Million Bbl/Day)	0.59	0.59	0.59	0.64	0.56	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)	October		April-October	
			2023-24 (P)	2024-25 (P)	2023-24 (P)	2024-25 (P)
Total domestic production (MMTOE)	63.6	65.8	5.7	5.5	38.2	38.0
Overseas production (MMTOE)	19.5	19.9	1.6	1.6	11.5	11.3

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

5. High Sulphur (HS) & Low Sulphur (LS) crude oil processing (MMT)

Details	2022-23 (P)	2023-24 (P)	October		April-October	
			2023-24 (P)	2024-25 (P)	2023-24 (P)	2024-25 (P)
1 High Sulphur crude	197.9	205.2	16.2	16.9	116.4	120.1
2 Low Sulphur crude	57.4	56.3	4.4	4.5	34.0	33.3
Total crude processed (MMT)	255.2	261.5	20.6	21.3	150.4	153.4
Total crude processed (Million Bbl/Day)	5.13	5.25	4.86	5.04	5.15	5.25
Percentage share of HS crude in total crude oil processing	77.5%	78.5%	78.6%	79.1%	77.4%	78.3%

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-October 2024-25(P)	140.2	81734	6,84,176

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

Particulars		2022-23 (P)	2023-24(P)	October		April-October	
				2023-24 (P)	2024-25 (P)	2023-24 (P)	2024-25 (P)
1	Indigenous crude oil processing	26.5	26.9	2.3	2.0	15.6	15.3
2	Products from indigenous crude (93.3% of crude oil processed)	24.7	25.1	2.1	1.9	14.5	14.2
3	Products from fractionators (Including LPG and Gas)	3.5	3.5	0.3	0.3	2.0	2.1
4	Total production from indigenous crude & condensate (2 + 3)	28.2	28.6	2.4	2.2	16.6	16.4
5	Total domestic consumption	223.0	234.3	19.5	20.0	133.7	137.6
% Self-sufficiency (4 / 5)		12.6%	12.2%	12.3%	11.0%	12.4%	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)	October			April-October		
					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	0.5	0.6	0.6	3.8	3.8	3.9
2	Koyali (1965)	13.7	15.6	15.2	1.3	0.8	1.4	8.8	8.6	9.3
3	Haldia (1975)	8.0	8.5	8.1	0.7	0.7	0.4	4.5	4.2	3.4
4	Mathura (1982)	8.0	9.6	9.2	0.9	0.9	0.0	5.2	4.6	4.4
5	Panipat (1998)	15.0	13.8	14.3	1.3	1.2	1.4	8.7	9.2	8.8
6	Guwahati (1962)	1.2	1.1	1.0	0.0	0.1	0.1	0.6	0.8	0.7
7	Digboi (1901)	0.65	0.7	0.7	0.1	0.1	0.1	0.4	0.4	0.4
8	Bongaigaon(1979)	2.70	2.8	3.0	0.3	0.3	0.3	1.8	1.5	1.5
9	Paradip (2016)	15.0	13.6	15.2	0.7	1.4	1.3	8.5	9.1	7.8
	IOCL-TOTAL	70.3	72.4	73.3	5.7	6.0	5.4	42.2	42.2	40.3
10	Manali (1969)	10.5	11.3	11.6	1.0	1.0	0.7	6.7	6.1	5.6
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	1.0	1.0	0.7	6.7	6.1	5.6
12	Mumbai (1955)	12.0	14.5	15.1	0.7	1.3	1.4	8.8	8.9	9.3
13	Kochi (1966)	15.5	16.0	17.3	1.5	1.2	1.0	9.9	9.5	9.6
14	Bina (2011)	7.8	7.8	7.1	0.7	0.7	0.7	3.8	4.2	4.4
	BPCL-TOTAL	35.3	38.4	39.5	3.0	3.2	3.1	22.5	22.6	23.3
15	Numaligarh (1999)	3.0	3.1	2.5	0.29	0.3	0.3	1.1	1.8	1.7

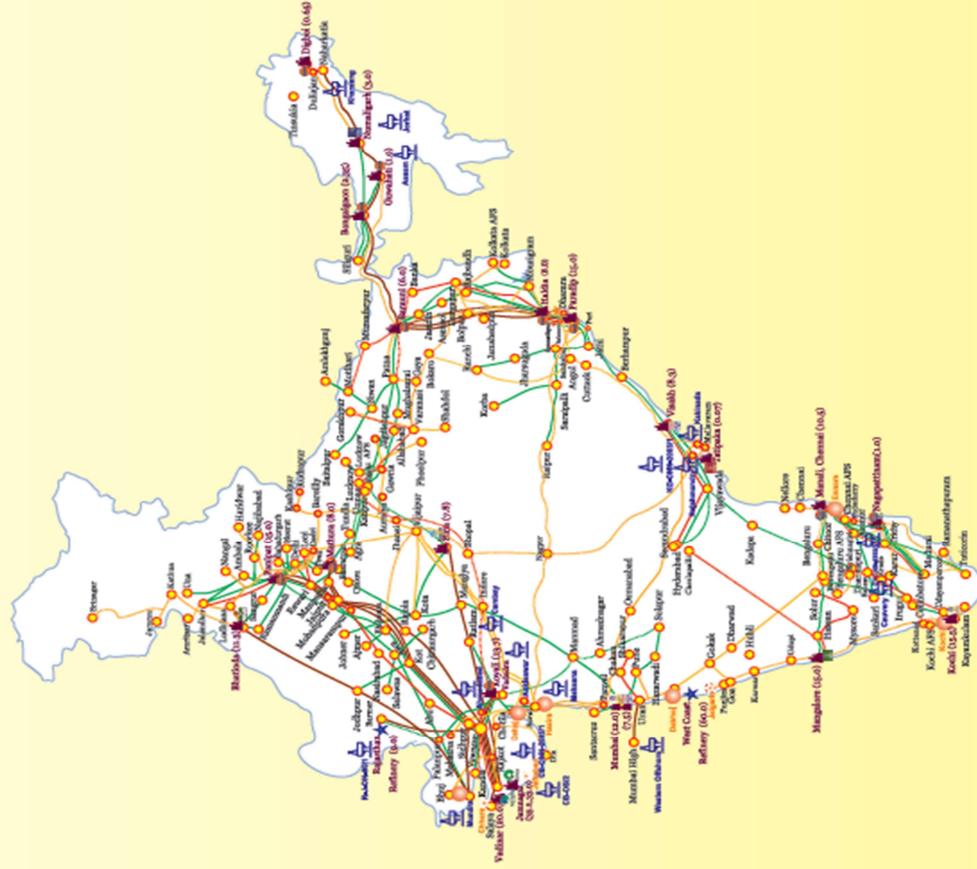
Sl. no.	Refinery	Installed capacity (01.04.2024) MMTPA	Crude oil processing (MMT)							
			2022-23 (P)	2023-24 (P)	October			April-October		
					2023-24 (P)	2024-25 (Target)	2024-25 (P)	2023-24 (P)	2024-25 (Target)	2024-25 (P)
16	Tatipaka (2001)	0.07	0.07	0.07	0.005	0.006	0.006	0.04	0.04	0.04
17	MRPL-Mangalore (1996)	15.0	17.1	16.5	1.4	1.5	1.5	9.0	10.1	10.3
	ONGC-TOTAL	15.1	17.2	16.6	1.4	1.5	1.5	9.0	10.1	10.3
18	Mumbai (1954)	9.5	9.8	9.6	0.9	0.8	0.9	5.9	5.5	5.6
19	Visakh (1957)	13.7	9.3	12.7	1.0	1.2	1.2	7.2	7.6	8.6
20	HMEL-Bathinda (2012)	11.3	12.7	12.6	1.1	1.0	1.1	7.6	7.0	7.6
	HPCL- TOTAL	34.5	31.8	35.0	3.0	3.0	3.2	20.7	20.0	21.8
21	RIL-Jamnagar (DTA) (1999)	33.0	34.4	34.4	2.9	2.9	2.8	20.1	20.1	20.3
22	RIL-Jamnagar (SEZ) (2008)	35.2	27.9	28.3	1.6	1.6	2.6	16.2	16.2	18.1
23	NEL-Vadinar (2006)	20.0	18.7	20.3	1.7	1.7	1.7	11.8	11.8	12.0
All India (MMT)		256.8	255.2	261.5	20.6	21.2	21.3	150.4	151.0	153.4
All India (Million Bbl/Day)		5.02	5.13	5.24	4.86	5.02	5.04	5.15	5.17	5.25

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 01.11.2024)										
Details		ONGC	OIL	Cairn	HMEL	IOCL	BPCL	HPCL	Others*	Total
Crude Oil	Length (KM)	1,284	1,195	688	1,017	5,822	937			10,943
	Cap (MMTPA)	60.6	9.0	10.7	11.3	53.8	7.8			153.1
Products	Length (KM)		654			12,807	2,600	5,133	2,399	23,593
	Cap (MMTPA)		1.7			70.6	22.6	35.2	10.2	140.3

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

OIL & GAS MAP OF INDIA



LEGENDS

Refineries



Refineries Capacity in MMTPA

Producing Fields



Major Producing Fields

LNG Terminals



Dabhol, Dahej, Hazira, Kochi, Mundra, Ennore
 ★ (Upcoming Terminals) Dharma, Jafraabad, Jaldighi, Chhava

LEGENDS

Pipelines Network



Crude Oil Pipeline



Ongoing Crude Oil Pipeline



Product Pipeline



Ongoing Product Pipeline



LNG Pipeline



Ongoing LNG Pipeline



Gas Pipeline



Ongoing Gas Pipeline



10. Gross Refining Margins (GRM) of refineries (\$/bbl)

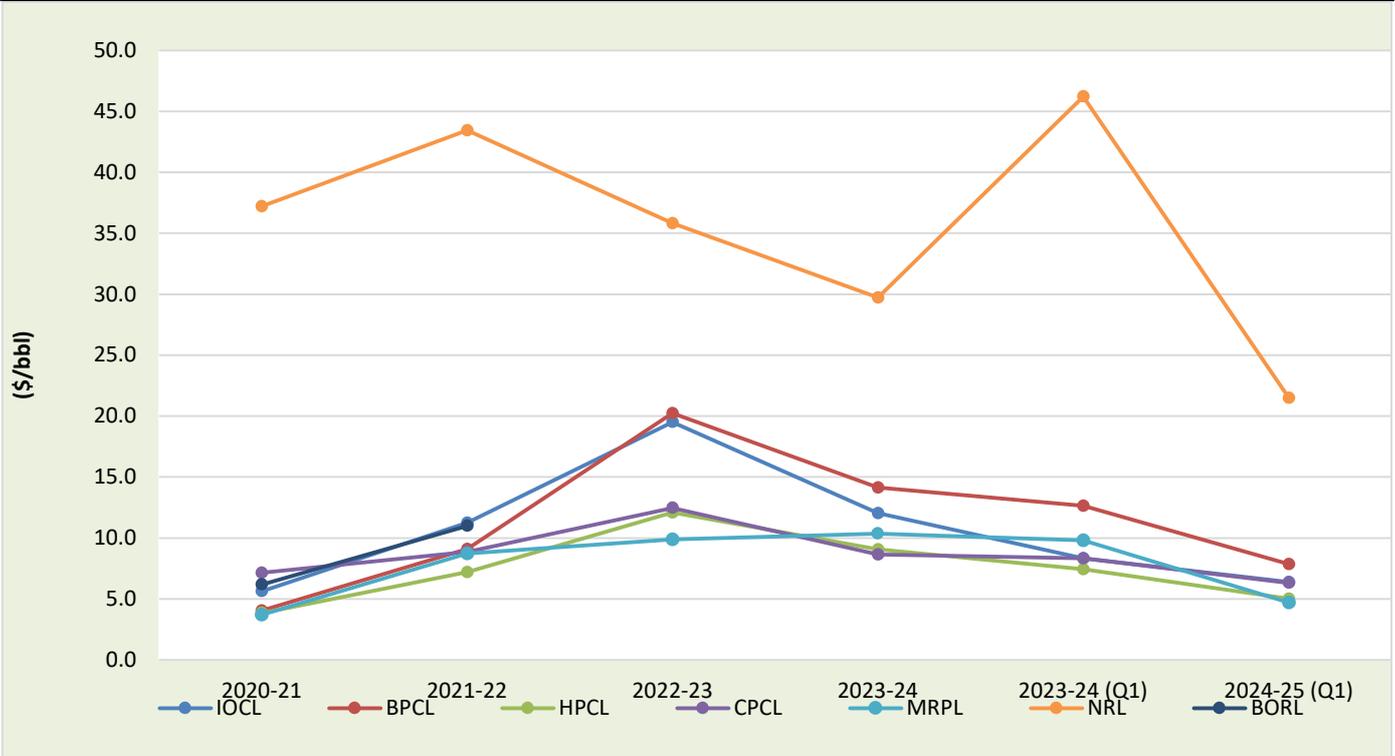
Company	2020-21	2021-22	2022-23	2023-24	April-June	
					2023-24	2024-25
IOCL	5.64	11.25	19.52	12.05	8.34	6.39
BPCL	4.06	9.09	20.24	14.14	12.64	7.86
HPCL	3.86	7.19	12.09	9.08	7.44	5.03
CPCL	7.14	8.85	12.48	8.64	8.33	6.33
MRPL	3.71	8.72	9.88	10.36	9.81	4.70
NRL	37.23	43.46	35.82	29.72	46.23	21.50
BORL	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

Gross Refining Margins (GRM) of refineries (\$/bbl)



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



PART-C

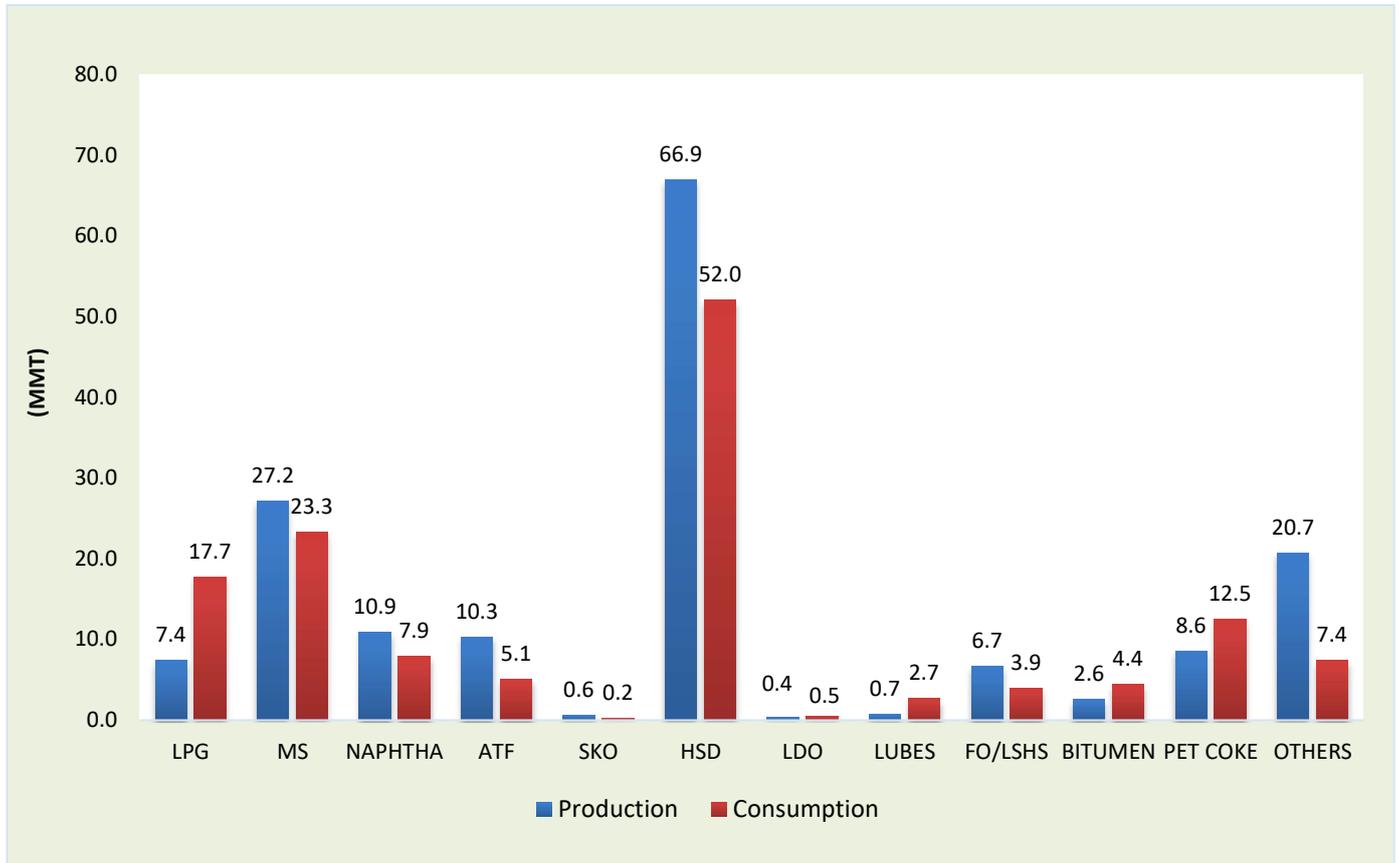
Consumption

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

Products	2022-23 (P)		2023-24 (P)		October 23 (P)		October 24 (P)		Apr-Oct'23 (P)		Apr-Oct'24 (P)	
	Prod	Cons	Prod	Cons	Prod	Cons	Prod	Cons	Prod	Cons	Prod	Cons
LPG	12.8	28.5	12.8	29.7	1.0	2.5	1.0	2.7	7.3	16.6	7.4	17.7
MS	42.8	35.0	45.1	37.2	3.3	3.1	3.9	3.4	25.7	21.7	27.2	23.3
NAPHTHA	17.0	12.2	18.3	13.8	1.4	1.2	1.5	1.2	10.3	7.8	10.9	7.9
ATF	15.0	7.4	17.1	8.2	1.3	0.7	1.5	0.8	9.7	4.7	10.3	5.1
SKO	0.9	0.5	1.0	0.5	0.0	0.03	0.08	0.03	0.58	0.29	0.6	0.24
HSD	113.8	85.9	115.9	89.6	9.4	7.6	9.4	7.6	66.7	51.6	66.9	52.0
LDO	0.6	0.7	0.7	0.8	0.06	0.1	0.1	0.1	0.4	0.5	0.4	0.5
LUBES	1.3	3.7	1.4	4.1	0.1	0.3	0.1	0.4	0.8	2.3	0.7	2.7
FO/LSHS	10.4	7.0	10.3	6.5	0.7	0.5	0.9	0.6	6.6	3.8	6.7	3.9
BITUMEN	4.9	8.0	5.2	8.8	0.4	0.7	0.3	0.7	2.8	4.8	2.6	4.4
PET COKE	15.4	18.3	15.1	20.3	1.1	1.6	1.2	1.7	8.6	11.3	8.6	12.5
OTHERS	31.5	15.8	33.3	14.7	3.0	1.0	3.0	0.8	19.0	8.3	20.7	7.4
ALL INDIA	266.5	223.0	276.1	234.3	21.8	19.5	23.0	20.0	158.4	133.7	162.9	137.6
Growth (%)	4.8%	10.6%	3.6%	5.0%	3.2%	4.8%	5.2%	2.9%	4.0%	6.1%	2.8%	3.0%

Note: Prod - Production; Cons - Consumption

Petroleum Products: April-October 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	175,777

* Allocation is for Apr-Dec'2024 and upliftment is for Apr-Oct'2024.

13. Ethanol blending programme

Particulars	Ethanol Supply Year *				
	2020-21	2021-22	2022-23 (Dec'22- Oct'23)	Sep'24#	Nov'23-Sep'24
Ethanol received by PSU OMCs under EBP Program (in Cr. Litrs)	296.1	408.1	494.0	58.6	585.2
Ethanol blended under EBP Program (in Cr. Litrs)	302.3	433.6	508.8	62.4	607.4
Average Percentage of Blending Sales (EBP%)	8.1%	10.0%	12.1%	15.9%	13.8%

*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.# Data for Oct'2024 is yet to be released.

14. Industry marketing infrastructure (as on 01.11.2024) (Provisional)

Particulars	IOCL	BPCL	HPCL	RIL/RBML/RSIL	NEL	SHELL	MRPL & Others	Total
POL Terminal/ Depots (Nos.) ⁵	127	80	78	17	3		7	312
Aviation Fuel Stations (Nos.) [@]	129	71	56	31			10	297
Retail Outlets (total) (Nos.) [^] , out of which Rural ROs	38,432	22,549	22,631	1,832	6,589	362	113	92,508
	12,599	5,803	5,641	130	2,080	84	35	26,372
SKO/LDO agencies (Nos.)	3,830	927	1,638					6,395
LPG Distributors (total) (Nos.) (PSUs only)	12,906	6,259	6,367					25,532
LPG Bottling plants (Nos.) (PSUs only) [#]	98	54	56				3	211
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					32.8

⁵(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 01.11.2024) (Provisional)

Alternate fuel	IOCL	BPCL	HPCL	RBML/RSIL	NEL	SHELL	MRPL	Total
CNG LNG	2271	2148	1817	40	34	0	3	6313
EV Charging	10494	3329	4123	122	797	262	35	19162
Auto LPG	310	44	92	46	51	0	0	543
Compressed Bio-Gas outlets	110	41	39	30	0	0	0	220
Total RO's with at least one Alternate fuel	12831	4885	5291	181	879	262	38	24367
Solarization at Retail outlets	33854	17535	21083	77	980	0	0	73529



PART-D

LPG

15. LPG consumption (Thousand Metric Tonne)

LPG category	2022-23	2023-24	October			April-October		
			2023-24	2024-25(P)	Growth (%)	2023-24	2024-25 (P)	Growth (%)
1. PSU Sales :								
LPG-Packed Domestic	25,381.5	26,207.5	2,187.6	2,381.3	8.9%	14,631.5	15,655.5	7.0%
LPG-Packed Non-Domestic	2,606.0	2,760.2	238.7	239.7	0.4%	1,598.3	1,535.9	-3.9%
LPG-Bulk	408.9	593.8	62.0	91.8	48.2%	346.1	390.5	12.8%
Auto LPG	106.7	88.0	7.5	6.2	-16.6%	55.2	43.7	-20.9%
Sub-Total (PSU Sales)	28,503.1	29,649.4	2,495.7	2,719.1	8.9%	16,631.1	17,625.6	6.0%
2. Direct Private Imports*	0.1	0.1	0.00	7.72	#DIV/0!	0.04	94.01	244648.5%
Total (1+2)	28,503.2	29,649.5	2,495.7	2,726.8	9.3%	16,631.1	17,719.6	6.5%

*Sept'24-Oct'24import data from DGCIIS data is prorated.

16. LPG marketing at a glance

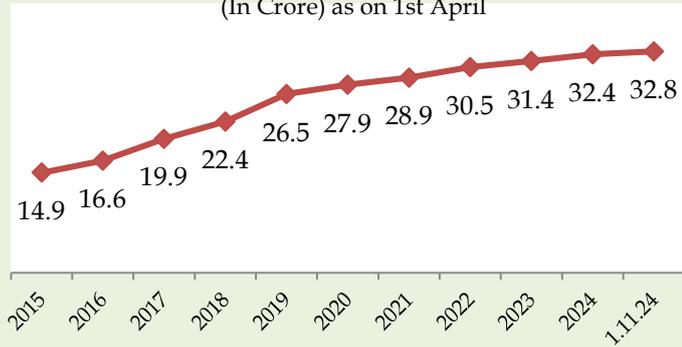
Particulars (As on 1st of April)	Unit	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	01.11.24 (P)
LPG Active Domestic Customers	(Lakh)			1486	1663	1988	2243	2654	2787	2895	3053	3140	3242	3283.4
	Growth				11.9%	19.6%	12.8%	18.3%	5.0%	3.9%	5.5%	2.9%	3.2%	3.8%
LPG Coverage (Estimated)	(Percent)			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%	6.9%
LPG Distributors	(No.)	12610	13896	15930	17916	18786	20146	23737	24670	25083	25269	25386	25481	25532
	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	446
	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%	-10.1%
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)

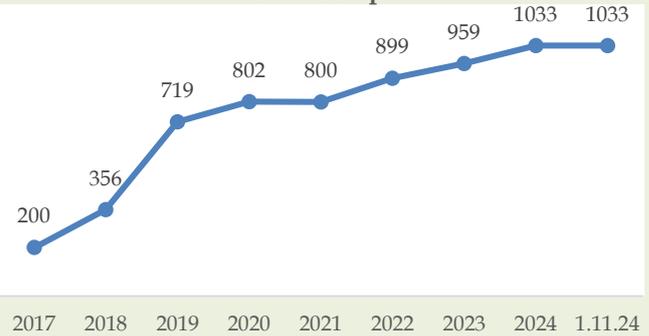
1. Growth rates as on 01.11.2024 are with respect to figs as on 01.11.2023. Growth rates as on 1 April of any year are with respect to figs as on 1 April of previous year.

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.

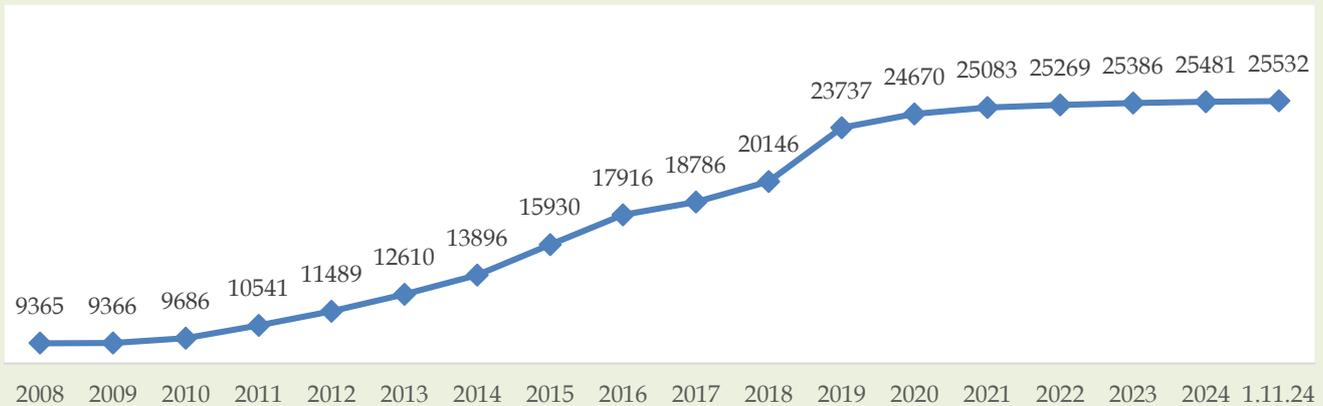
Numbers of Active Domestic LPG Customers
(In Crore) as on 1st April



Number of PMUY beneficiaries (in Lakhs)
As on 1st April



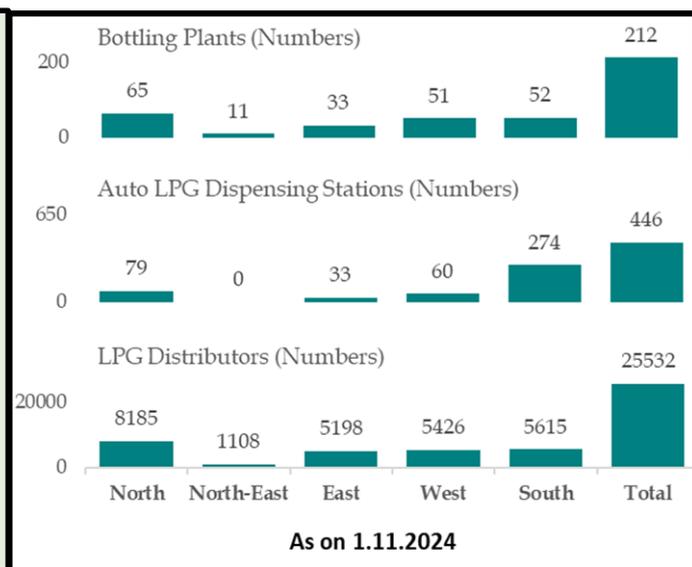
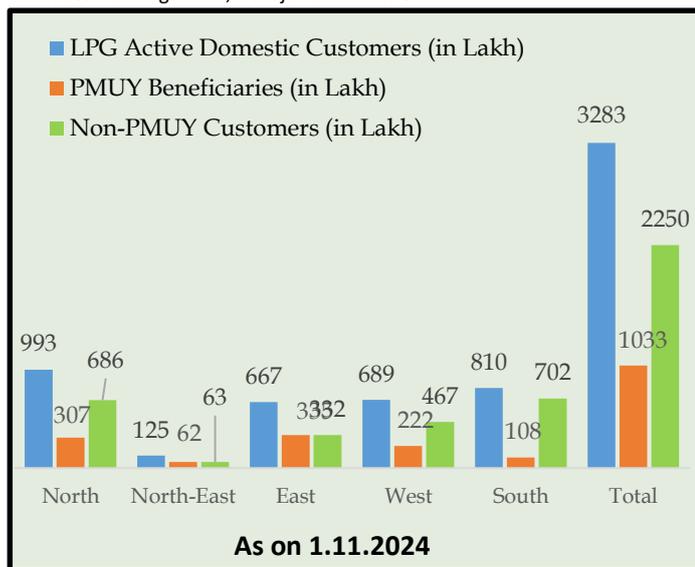
Number of LPG Distributors (As on 1st April)



17-Region-wise data on LPG marketing (As on 01.11.2024)

Particulars	North	North-East	East	West	South	Total
LPG Active Domestic Customers (in Lakh)	992.7	124.9	666.9	688.9	810.0	3283.4
Non-PMUY Customers (in Lakh)	685.9	63.1	332.3	466.9	701.9	2250.0
PMUY Beneficiaries (in Lakh)	306.8	61.9	334.7	222.0	108.1	1033.4
LPG Distributors (Numbers)	8185	1108	5198	5426	5615	25532
Auto LPG Dispensing Stations (Numbers)	79	0	33	60	274	446
Bottling Plants* (Numbers)	65	11	33	51	52	212

*Includes Numaligarh BP, Duliajan BP and CPCL BP.





PART-E

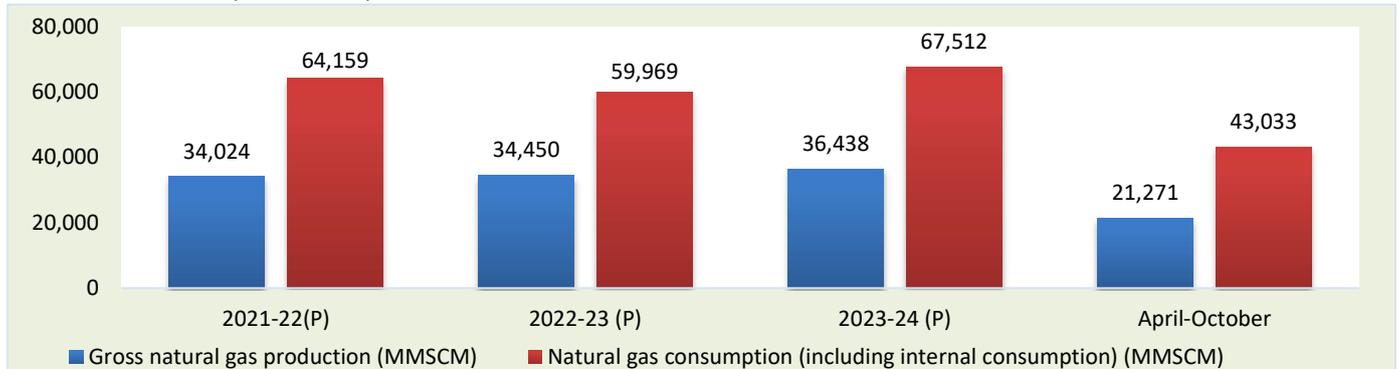
Natural Gas

18. Natural gas at a glance

(MMSCM)

Details	2022-23	2023-24	October			April-October		
			2023-24 (P)	2024-25 (Target)	2024-25 (P)	2023-24 (P)	2024-25 (Target)	2024-25 (P)
(a) Gross production	34,450	36,438	3,161	3,411	3,111	21,040	22,907	21,271
- ONGC	19,969	19,316	1,634	1,730	1,620	11,385	11,563	11,027
- Oil India Limited (OIL)	3,041	3,090	273	340	279	1,791	2,272	1,856
- Private / Joint Ventures (JVs)	11,440	14,032	1,254	1,341	1,212	7,865	9,072	8,388
(b) Net production (excluding flare gas and loss)	33,664	35,717	3,111		3,073	20,614		20,948
(c) LNG import [#]	26,304	31,795	2,653		2,932	18,070		22,085
(d) Total consumption including internal consumption (b+c)	59,969	67,512	5,764		6,005	38,684		43,033
(e) Total consumption (in BCM)	60.0	67.5	5.8		6.0	38.7		43.0
(f) Import dependency based on consumption (%), {c/d*100}	43.9	47.1	46.0		48.8	46.7		51.3

LNG data from DGCIS is prorated for Sept'24-Oct'24.



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-October 2024 (P)	427.29	MMSCM
Production of CBM gas	October 2024 (P)	64.82	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 01.11.2024) (Provisional)

Particulars	Units	IOCL	HPCL	BPCL	GAIL#	IGL	Total
No. of CBG plants commissioned and initiated sale of CBG	No. of plants	37*	12	8	18	6	79*
Start of CBG sale from retail outlet(s)	Nos.	97	84	69	1	0	251
Sale of CBG in 2022-23	Tons	5822	77	6	5322		11,227
Sale of CBG in 2023-24	Tons	6500	309	102	12813		19724
Sale of CBG in 2024-25 (up to October 2024)	Tons	4412	1097	178	14814		20501
Sale of CBG in CGD network	GA Nos.				47		44

Sale of CBG sourced under CBG-CGD synchronization from OGMCS (IOC-1175 Tons; BPC-3567 Tons; HPC- 2555 Tons & IGL) are reported in GAIL's CBG sale figure. *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 30.06.2024

Nature of pipeline		GAIL	GSPI	PII	IOCL	AGCL	RGPI	GGL	DFPCL	ONGC	GIGL	GITL	Others*	Total
Operational	Length	10,986	2,722	1,483	143	107	304	73	42	24				15,884
	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		15,919	2,722	1,483	1,223	107	304	73	42	24	1,302	364	0	23,563
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		18,524	2,822	1,483	1,288	107	304	73	42	24	1,302	584	2,640	29,193

Source: PNGRB; Length in KMs; Authorized Capacity in MMSCMD (Arithmetic sum taken for each entity -capacity may vary from pipeline to pipeline); *Others-APGDC, IIGL, IMC,GTIL,HPPL Consortium of H-Energy. Total authorized Natural Gas pipelines including Tie-in connectivity, dedicated & STPI 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 01.11.2024 (MMTPA)	% Capacity utilisation (April- September 2024)
Dahei	Petronet LNG Ltd (PLL)	17.5	103.9
Hazira	Shell Energy India Pvt. Ltd.	5.2	48.7
Dabhol	Konkan LNG Limited*	5	30.9
Kochi	Petronet LNG Ltd (PLL)	5	21.8
Ennore	Indian Oil LNG Pvt Ltd	5	23.7
Mundra	GSPC LNG Limited	5	27.0
Dhamra	Adani Total Private Limited	5	48.2
Total Capacity		47.7	

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

22. Status of PNG connections and CNG stations across India (Nos.) as on 30.09.2024(P)

State/UT (State/UTs are clubbed based on the GAs authorised by PNGRB)	CNG Stations	PNG connections		
		Domestic	Commercial	Industrial
Andhra Pradesh	196	2,77,329	518	53
Andhra Pradesh, Karnataka & Tamil Nadu	47	11,427	10	8
Assam	24	64,203	1,413	470
Bihar	156	1,85,777	152	23
Bihar & Jharkhand	18	9,020	11	0
Bihar & Uttar Pradesh	26	12,823	0	0
Chandigarh (UT), Haryana, Punjab & Himachal Pradesh	33	28,270	186	53
Chhattisgarh	22	4,551	0	0
Dadra & Nagar Haveli (UT)	6	12,706	58	66
Daman & Diu (UT)	5	5,322	95	58
Daman and Diu & Gujarat	15	8,177	32	0
Goa	14	15,810	40	47
Gujarat	1,016	34,20,149	23,909	5,818
Haryana	457	4,29,559	1,288	2,662
Haryana & Himachal Pradesh	14	54	1	0
Haryana & Punjab	27	2,003	0	0
Himachal Pradesh	16	8,487	32	4
Jharkhand	104	1,39,940	47	8
Karnataka	401	4,66,224	622	380
Kerala	167	1,01,697	91	28
Kerala & Puducherry	23	6,334	0	0
Madhya Pradesh	313	2,50,745	529	556
Madhya Pradesh and Chhattisgarh	9	0	0	0
Madhya Pradesh and Rajasthan	37	1,119	0	0
Madhya Pradesh and Uttar Pradesh	20	0	0	3
Maharashtra	936	36,00,528	5,032	1,068
Maharashtra & Gujarat	74	2,02,267	11	41
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)	493	16,18,765	4,312	1,912
Odisha	118	1,28,580	20	2
Puducherry	10	0	0	0
Puducherry & Tamil Nadu	8	429	3	0
Punjab	223	95,362	718	324
Punjab & Rajasthan	20	5,725	0	0
Rajasthan	337	3,48,343	324	1,754
Tamil Nadu	327	41,766	25	29
Telangana	195	2,17,076	135	133
Telangana and Karnataka	11	126	0	2
Tripura	20	63,498	508	62
UT of Jammu and Kashmir	2	0	0	0
Uttar Pradesh	1,045	16,99,900	2,983	3,634
Uttar Pradesh & Rajasthan	47	24,060	62	349
Uttar Pradesh and Uttrakhand	31	16,249	0	0
Uttarakhand	37	74,874	108	121
West Bengal	143	44,107	6	1
Grand Total	7,259	1,36,43,381	43,281	19,669

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 2020 - September 2020	2.39	5.61
October 2020 - March 2021	1.79	4.06
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 - / 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 - 31 May 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	October'2023 - March 2024	9.96
1 Oct 2023 - 31 Oct 2023	9.20	6.50		
1 Nov 2023 - 30 Nov 2023	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	April 2024-September 2024	9.87
1 Mar 2024- 31 Mar 2024	8.17	6.50		
1 April 2024 - 30 April 2024	8.38	6.50		
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	October 2024 - March 2025	10.16
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		
1 Nov 2024 - 30 Nov 2024	7.53	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 (13.11.2024)
Mumbai	75.00	48.00	MGL website (13.11.2024)

Indian Natural Gas Spot Price for Physical Delivery

IGX Price Index Month	Avg. Price		Volume (MMSCM)	Source
	INR/MMBTu	\$/MMBTu		
October 2024	1098	13.07	155.60	As per IGX website:

*Prices are weighted average prices | \$1=INR 84.02 | 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)				Price buildup of petroleum products (Rs./litre/Cylinder) *		
Particulars	2021-22	2022-23	Oct'24	Particulars	Petrol	Diesel
Crude oil (Indian Basket)	79.18	93.15	75.12	Price charged to dealers (excluding Excise Duty and VAT)	55.17	56.11
Petrol	89.66	107.00	79.75	Excise Duty	19.90	15.80
Diesel	88.45	128.08	85.00	Dealers' Commission (Average)	4.30	2.93
Kerosene	85.31	120.55	85.17	VAT (incl VAT on dealers' commission)	15.40	12.83
LPG (\$/MT)	692.67	711.50	622.00	Retail Selling Price	94.77	87.67
FO (\$/MT)	445.25	452.66	435.71			
Naphtha (\$/MT)	698.25	666.53	636.45			
Exchange (Rs./\$)	74.51	80.39	84.03			
Customs, excise duty & GST rates						
Product	Basic customs duty #	Excise duty	GST rates	Particulars	PDS SKO	Subsidised Domestic LPG
Petrol	2.50%	Rs 19.90/Ltr	**	Price before taxes and dealers'/distributors' commission	51.63	691.68
Diesel	2.50%	Rs 15.80/Ltr	**	Dealers'/distributors' commission	2.65	73.08
PDS SKO	5.00%	Not Applicable	5.00%	GST (incl GST on dealers'/distributors' commission)	2.71	38.24
Non-PDS SKO	5.00%		18.00%	Retail Selling Price	56.99	803.00
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 + Rs.NIL/ MT SAED ^^^	**			
# 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 18.09.2024 SAED on crude oil.						

*Petrol and Diesel at Delhi as per IOCL are as on 01st Nov 2024. PDS SKO at Mumbai as on 1st Nov 2024 and Subsidised Domestic LPG at Delhi as on 1st Nov 2024.

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

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		Q1 2024-25 (P)	
	Turnover	PAT	Turnover	PAT
Upstream/midstream Companies (PSU)	2,89,654	54,914	74,486	13,129
Downstream Companies (PSU)	18,27,390	80,986	4,62,961	6,014
Standalone Refineries (PSU)	2,08,127	8,470	54,111	839
Private-RIL	5,74,956	42,042	1,40,202	7,611

Borrowings of OMCs (Rs. Crores), As on				
Company	Mar'23	Mar'24	June'24	
IOCL	1,32,495	1,16,496	1,15,847	
BPCL	35,855	18,767	15,210	
HPCL	64,517	60,254	57,405	

Petroleum sector contribution to Central/State Govt.				
Particulars	2022-23	2023-24	2024-25 (Q1) (P)	
Central Government	4,28,067	4,32,394	79,192	
% of total revenue receipts*	18%	16%		
State Governments	3,20,651	3,18,762	76774.64	
% of total revenue receipts [^]	8%	7%		
Total (Rs. Crores)**	7,48,718	7,51,156	1,55,966	

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

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	

[^] [^] Source – RBI Study of State Finances. (RE for 2022-23 and BE 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)	Apr-Oct'24 (P)
ONGC Ltd	26,621	29,209	34,551	30,800	34,052
ONGC Videsh Ltd (OVL)	4,836	2,723	3,262	5,580	2,522
Oil India Ltd (OIL)	4,239	5,057	5,390	6,880	3,255
GAIL (India) Ltd	6,970	8,313	10,388	8,044	4,317
Indian Oil Corp. Ltd. (IOCL)	29,604	35,205	38,660	30,909	22,066
Bharat Petroleum Corp. Ltd (BPCL)	11,449	11,527	11,002	13,000	6,521
Hindustan Petroleum Corp. Ltd (HPCL)	16,205	13,847	13,842	12,500	6,910
Mangalore Refinery & Petrochem Ltd (MRPL)	604	641	1,513	820	409
Chennai Petroleum Corp. Ltd (CPCL)	575	609	561	501	420
Numaligarh Refinery Ltd (NRL)	3,403	6,615	8,585	9,375	5,107
Balmer Lawrie Co. Ltd (BL)	23	46	47	40	18
Engineers India Ltd (EIL)	67	60	108	50	17
Total	1,04,596	1,13,853	1,27,908	1,18,499	85,614

Includes expenditure on investment in JV/subsidiaries.

(P) Provisional

Totals may not tally due to roundoff.

27. Conversion factors and volume conversion

Weight to volume conversion				Volume conversion	
Product	Weight (MT)	Volume (KL)	Barrel (bbl)	From	To
LPG	1	1.844	11.60	1 US Barrel (bbl)	159 litres
Petrol (MS)	1	1.411	8.88	1 US Barrel (bbl)	42 US Gallons
Diesel (HSD)	1	1.210	7.61	1 US Gallon	3.78 litres
Kerosene (SKO)	1	1.285	8.08	1 Kilo litre (KL)	6.29 bbl
Aviation Turbine Fuel (ATF)	1	1.288	8.10	1 Million barrels per day	49.8 MMTPA
Light Diesel Oil (LDO)	1	1.172	7.37	Energy conversion	
Furnace Oil (FO)	1	1.0424	6.74	1 Kilocalorie (kcal)	4.187 kJ
Crude Oil	1	1.170	7.33	1 Kilocalorie (kcal)	3.968 Btu
Exclusive Economic Zone				1 Kilowatt-hour (kWh)	860 kcal
200 Nautical Miles	370.4 Kilometers			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