

**MONTHLY REPORT**  
**ON**  
**INDIGENOUS CRUDE OIL PRODUCTION, CRUDE OIL**  
**IMPORT AND PROCESSING**  
**&**  
**PRODUCTION, IMPORT AND EXPORT OF PETROLEUM**  
**PRODUCTS**  
**October 2023**



**Petroleum Planning & Analysis Cell**

(Ministry of Petroleum & Natural Gas)

1. In this monthly report, indigenous crude oil production, imports and processing as well as production and imports/exports of petroleum products by oil companies are analyzed to assess the domestic availability of petroleum products in the country.

## Highlights

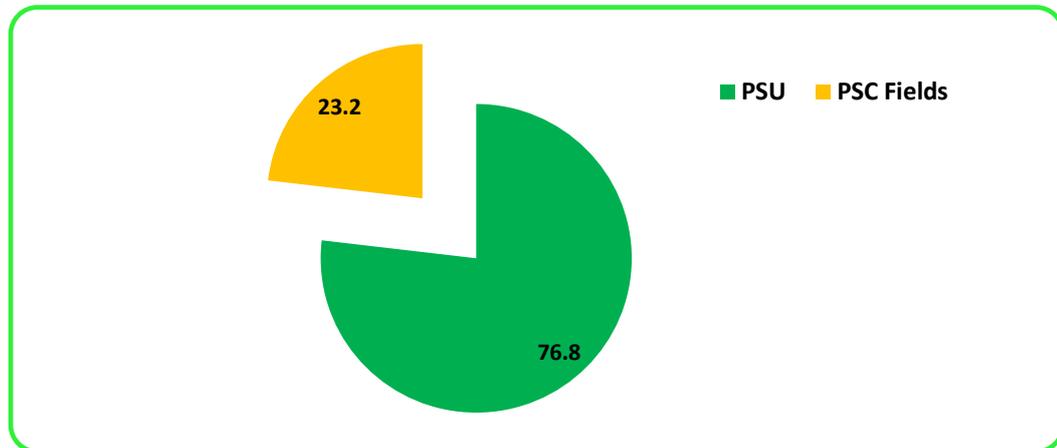
- Indigenous crude oil and condensate production during October 2023 was 2.5 MMT. OIL registered a production of 0.3 MMT, ONGC registered a production of 1.6 MMT whereas PSC registered production of 0.6 MMT during October 2023.
- Total crude oil processed during October 2023 was 20.6 MMT which is 0.7% higher than October 2022, where PSU/JV Refiners processed 14.3 MMT and PVT refiners processed 6.2 MMT of crude Oil. Total indigenous crude oil processed was 2.3 MMT and total imported crude oil processed was 18.3 MMT by all Indian refineries (PSU+JV+PVT). There was a growth of 2.5 % in total crude oil processed in April-October FY 2023 – 24 as compared to same period of FY 2022 – 23.
- Production of petroleum products was 21.8 MMT during October 2023 which is 4.2% higher than October 2022. Out of 21.8 MMT, 21.5 MMT was from Refinery production & 0.3 MMT was from fractionator. There was a growth of 4.0 % in production of petroleum products in April October FY 2023 – 24 as compared to same period of FY 2022 – 23. Out of total POL production, in October 2023, share of HSD is 43.1 %, MS 15.1 %, Naphtha 6.6 %, ATF 5.9 %, Pet Coke 5.0, % LPG 4.4 % which are of major products and rest are shared by Bitumen, FO/LSHS, LDO, Lubes & others.
- Crude oil imports increased by 2.2% and 0.6% during October 2023 and April-October 2023 respectively as compared to the corresponding period of the previous year.
- POL products imports increased by 12.1% and 12.8% during October 2023 and April-October 2023 respectively as compared to the corresponding period of the previous year. The rise in imports of POL products from April to October 2023 was primarily driven by increased imports of petcoke, bitumen and fuel oil.
- Exports of POL products increased by 12.6% and decreased by 0.8% during October 2023 and April-October 2023 respectively as compared to the corresponding period of the previous year. The decline in exports of POL products from April to October 2023 can be attributed primarily to reduced exports of high-speed diesel (HSD) and naphtha.

## Part A: Production

## 2. Indigenous crude oil and condensate production

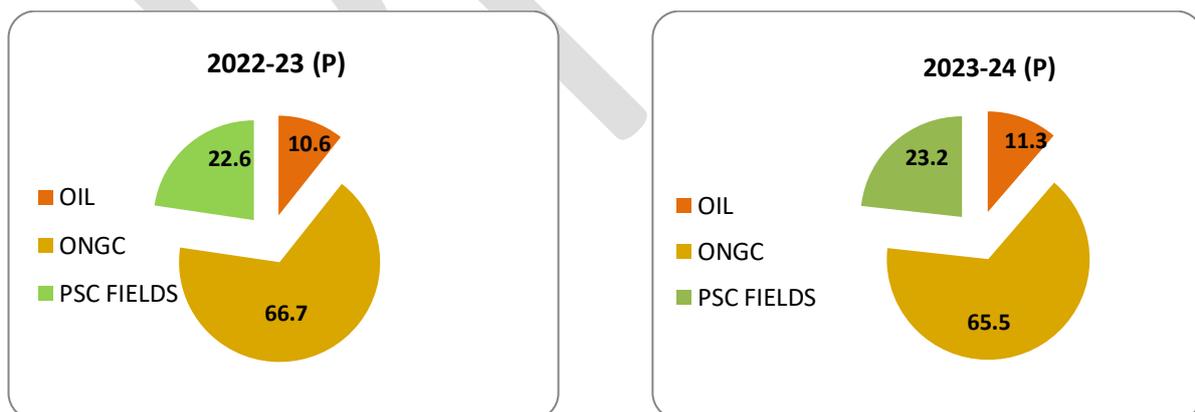
- The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during October 2023 (P) is shown in figure-1 below:

Figure-1; Percentage share in crude oil and condensate production; April – October 2023 <sup>(P)</sup>



- The comparison of percentage share of ONGC, OIL and PSC fields in total crude oil and condensate production during April October 2022 (P) and April October 2023 (P) is shown in figure-2 below:

Figure-2; Percentage share in crude oil production; April – October





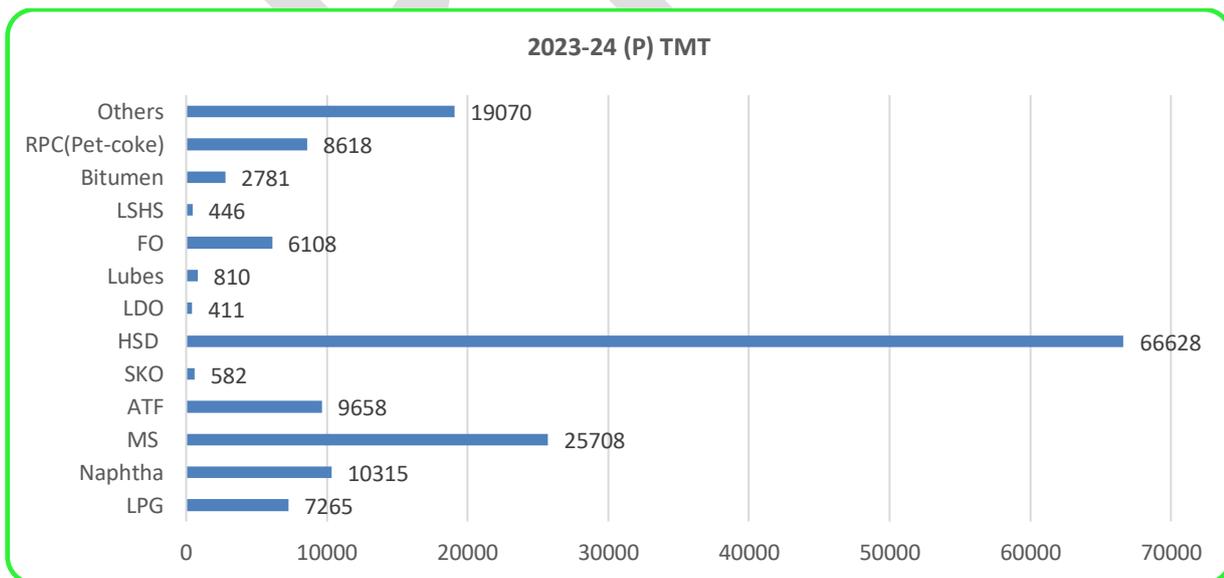
## 4. Production of Petroleum Products

Details of production of petroleum products by refineries and fractionators during October 2023<sup>(P)</sup> are given in Table-2.

Table-2; Production of petroleum products	
(Thousand Metric Tonnes)	
Products	October 2023 <sup>(P)</sup>
LPG	959
Naphtha	1442
MS	<b>3294</b>
ATF	1293
SKO	45
HSD	<b>9407</b>
LDO	65
Lubes	124
FO	650
LSHS	50
Bitumen	436
RPC(Pet-coke)	1091
Others	2953
<b>Total</b>	<b>21808</b>

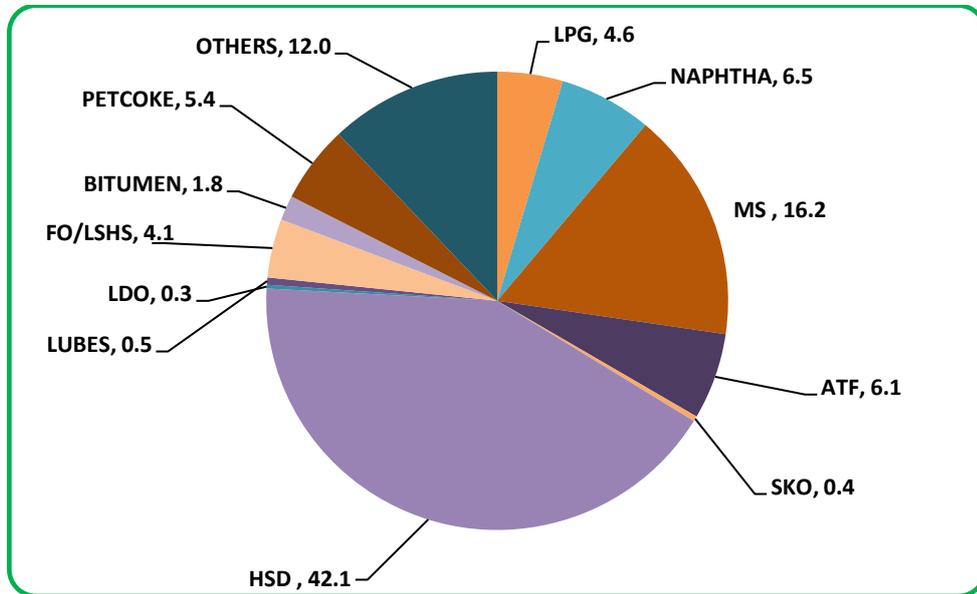
Note: (P): Provisional. Source: Oil Companies  
 \* Others include products like Propylene, solvents (Hexane, Benzene, Toluene, Xylene and Specialty solvents), Reformate, Mineral Turpentine Oil, Carbon Black Feedstock, Waxes, Sulphur etc.  
 LPG: Liquefied petroleum gas, MS: Motor spirit, ATF: Aviation turbine fuel; SKO: Superior kerosene oil, HSD: High speed diesel;

Figure-5; Product wise production of POL products by refineries and fractionators: April October 2023<sup>(P)</sup>



The percentage share of various products in total POL production during April - October 2023 is shown below:

**Figure-6; Percentage share of products in total POL production: April October 2023 <sup>(P)</sup>**



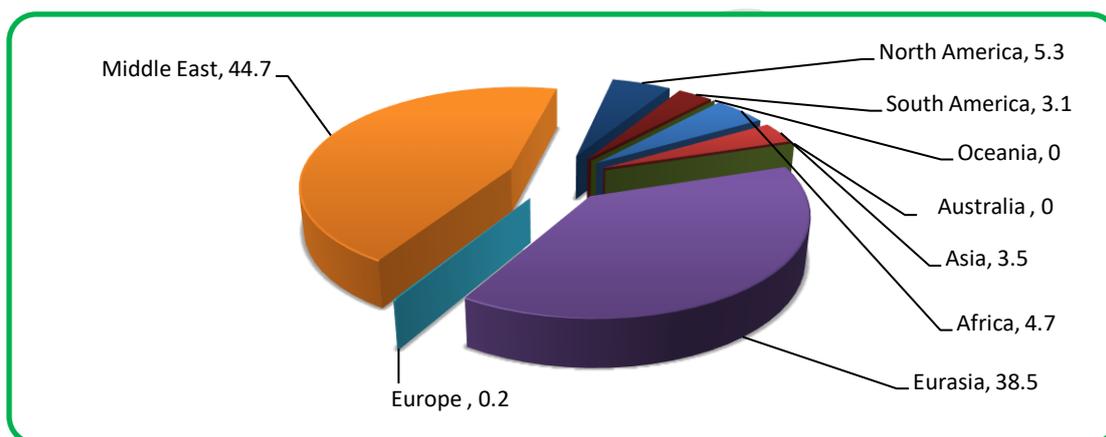
## Part B: Import /Export

## 5.a Import of Crude oil

Details of import of crude oil given in Table-3 below:

Table-3; Import of Crude oil		
<i>(Thousand Metric Tonnes)</i>		
Import	October 2023 <sup>(P)</sup>	April to October 2023-24 <sup>(P)</sup>
Crude Oil	18528	134431

Figure 7: Region wise percentage share (%) of crude oil during April to October 2023-24 (P)



- Crude oil imports increased by 2.2% and 0.6% during October 2023 and April-October 2023 respectively as compared to the corresponding period of the previous year.
- Crude oil imports from OPEC countries decreased to 47.8% of total imports during April-October 2023-24 as compared to 63.6% during April-October 2022-23.

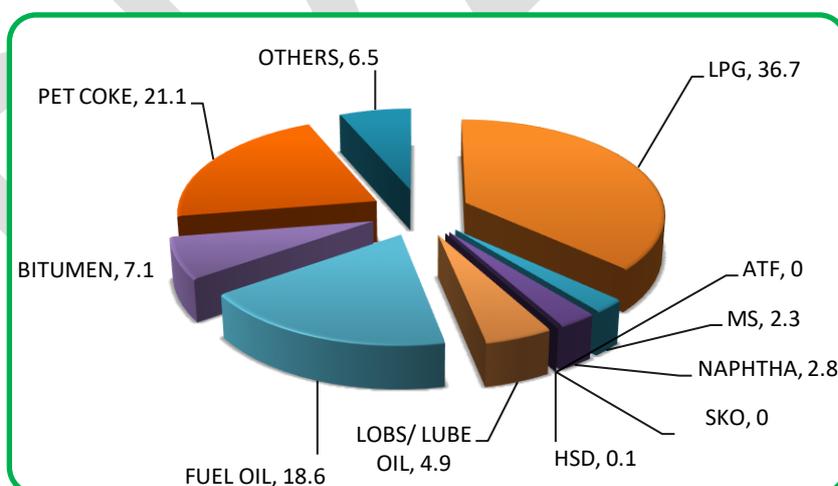
## 5.b Import Petroleum Products

Details of import of petroleum products given in Table-4 below:

Table-4; Import of Petroleum products		
(Thousand Metric Tonnes)		
Product	October 2023 <sup>(P)</sup>	April to October 2023-24 <sup>(P)</sup>
LPG	1903	10219
MS/ Petrol	200	646
NAPHTHA	175	766
ATF	0	0.003
SKO	0	0
HSD	5	20
LOBS/LUBE OIL	180	1355
FUEL OIL	750	5172
BITUMEN	269	1968
PETCOKE	794	5861
OTHERS <sup>§</sup>	137	1809
<b>TOTAL IMPORTS</b>	<b>4413</b>	<b>27818</b>

Notes: (P): Provisional. Source: Oil Companies & DGCIS. Total may not tally due to rounding off.  
 # Private imports are prorated for the period September-2023 to October-2023 on the basis of actual data received from DGCIS for the period September-2022 to August-2023  
 § Others include Paraffin wax, Petroleum Jelly, Aviation Gas, MTBE, Reformate etc. LPG: Liquefied petroleum gas, MS: Motor spirit, ATF: Aviation turbine fuel; SKO: Superior kerosene oil, HSD: High speed diesel, MTBE: Methyl tert-butyl ether.

Figure 8: Percentage share of petroleum products in imports: April to October 2023-24 (P)



- Imports made due to deficit in production viz. LPG and Lubes/LOBS accounted for 41.6% share of total POL products import during April-October 2023-24 as compared to 46.4% during April-October 2022-23.
- Import of petcoke accounted for 21.1% of the total POL imports during April-October 2023-24. The entire quantity was imported by private importers.

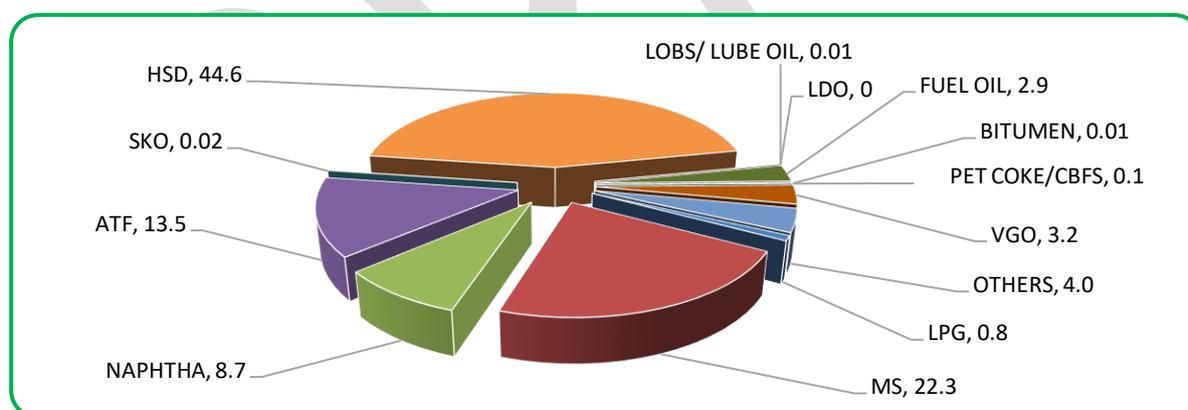
## 5.c Export of Petroleum Products

Details of export of petroleum products given in Table-5 below:

Table-5 Export of major Petroleum products		
<i>(Thousand Metric Tonnes)</i>		
Product	October 2023 <sup>(P)</sup>	April to October 2023-24 <sup>(P)</sup>
LPG	43	298
MS	671	7829
Naphtha	456	3050
ATF	529	4732
SKO	1	7
HSD	2108	15666
LDO	0	0.1
LOBS/LUBE OIL	1	3
FUEL OIL	140	1002
BITUMEN	0	5
PETCOKE	0	28
VGO	358	1139
OTHERS <sup>#</sup>	168	1391
<b>TOTAL EXPORT</b>	<b>4473</b>	<b>35150</b>

Note: (P): Provisional. Source: Oil Companies. Total may not tally due to rounding off.  
<sup>#</sup> Other include Benzene, Hexane, MTO, Paraffin wax, Polypropylene, Sulphur etc.  
 LPG: Liquefied petroleum gas, MS: Motor spirit, ATF: Aviation turbine fuel; SKO: Superior kerosene oil, HSD: High speed diesel, LDO: Light diesel oil, VGO: Vacuum gas oil, MTO: Mineral turpentine oil

Figure 9: Percentage share of petroleum products in export: April to October 2023-24 (P)



- Exports of POL products increased by 12.6% and decreased by 0.8% during October 2023 and April-October 2023 respectively as compared to the corresponding period of the previous year. The decline in exports of POL products from April to October 2023 can be attributed primarily to reduced exports of high-speed diesel (HSD) and naphtha.