

MONTHLY REPORT
ON
INDIGENOUS CRUDE OIL PRODUCTION, CRUDE OIL
IMPORT AND PROCESSING
&
PRODUCTION, IMPORT AND EXPORT OF PETROLEUM
PRODUCTS
October 2024



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

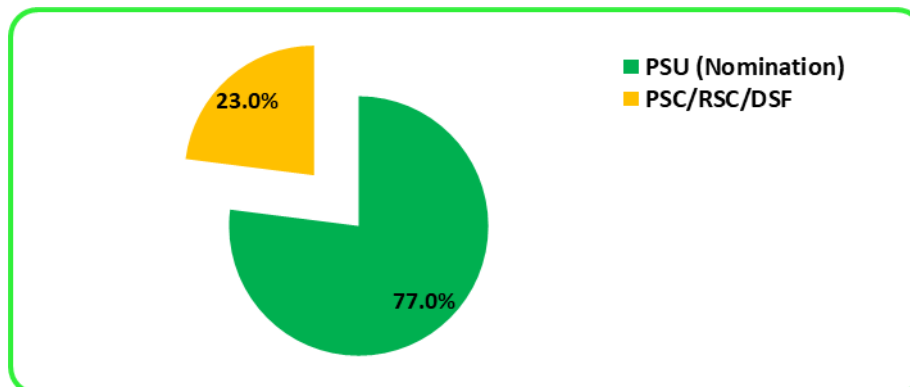
- Indigenous crude oil and condensate production during October 2024 was 2.3 MMT. OIL registered a production of 0.3 MMT, ONGC registered a production of 1.6 MMT whereas PSC/RSC registered production of 0.5 MMT during October 2024. There is a de-growth of 4% in crude oil and condensate production during 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 4.4 % higher than October 2023, where PSU/JV refiners processed 14 MMT and private refiners processed 7.3 MMT of crude oil. Total indigenous crude oil processed was 2.1 MMT and total imported crude oil processed was 19.2 MMT by all Indian refineries (PSU+JV+PVT). However, there was a growth of 1.8 % in total crude oil processed in April-October FY 2024 – 25 as compared to same period of FY 2023 – 24.
- Production of petroleum products was 23 MMT during October 2024, which is 5.3 % higher than October 2023. Out of 23 MMT, 22.7 MMT was from refinery production & 0.3 MMT was from fractionator. Out of total POL production, in October 2024, share of major products including HSD is 41.0 %, MS 16.8 %, Naphtha 6.8 %, ATF 6.6 %, Pet Coke 5.3 %, LPG 4.5%, and rest is shared by Bitumen, FO/LSHS, LDO, Lubes & others.
- 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.
- 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.
- 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.

Part A: Production

2. Indigenous crude oil and condensate production

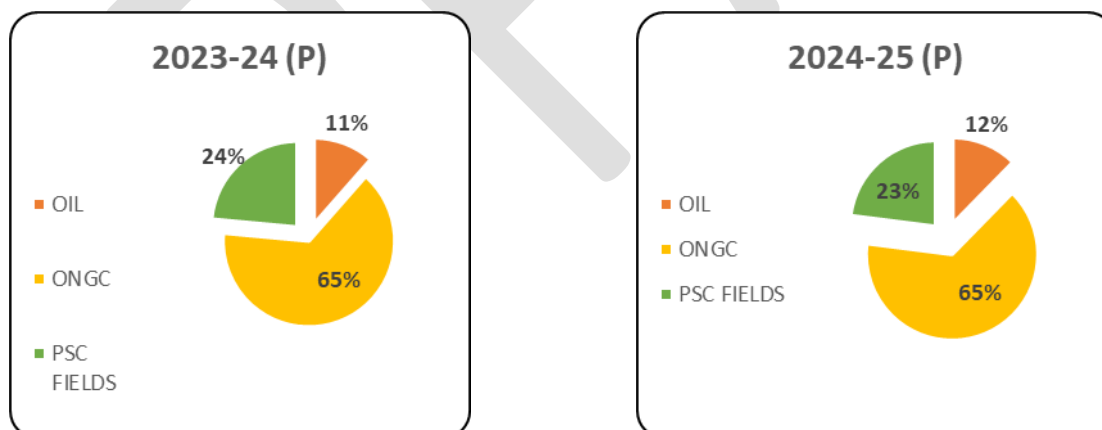
- The percentage share of PSU upstream companies through Nomination Blocks and PSC, RSC and DSF fields in overall crude oil and condensate production during April-October FY 2024-25 (P) is shown in figure-1 below:

Figure-1; Percentage share in crude oil and condensate production; April-October FY 2024-25 ^(P)



- The comparison of percentage share of ONGC, OIL and PSC fields in total crude oil and condensate production during April-October FY 2023-24 (P) and April-October FY 2024-25 (P) is shown in figure-2 below:

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



3. Crude oil processing by Oil Companies

Analysis of crude oil processing by refineries:

- Analysis of type of crude oil processed (i.e. indigenous, imported and low sulphur & high sulphur) in Indian refineries during April-October FY 2023-24 (P) and April-October FY 2024-25 (P) is given below

Figure-3; Percentage share of Indigenous/imported crude oil processed in PSU/JV refineries in April - October

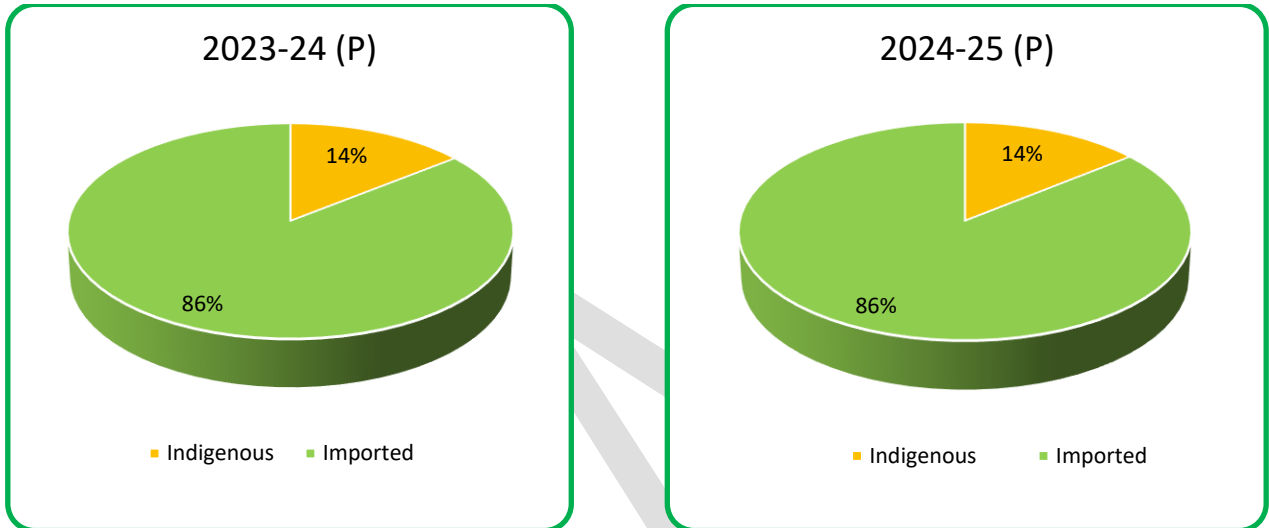
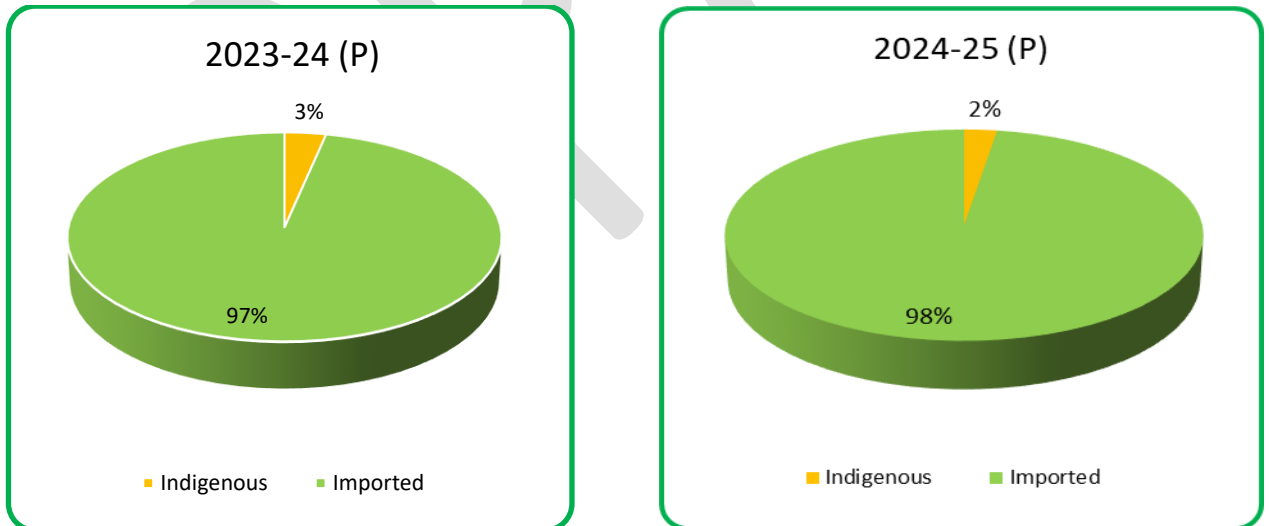


Figure-4; Percentage share of indigenous and imported crude oil processed by Private refineries: April - October



	2023 - 24 (P)	October		April – October	
		2023-24 (P)	2024-25 (P)	2023-24 (P)	2024-25 (P)
		Qty. in MMT			
High Sulphur crude (HS)	205.2	16.2	16.7	116.4	120.0
Low Sulphur crude (LS)	56.3	4.4	4.6	34.0	33.5
Total crude processed	261.5	20.6	21.3	150.4	153.4
% Share of HS crude in total crude processed	78.5%	78.6%	76.6%	77.4%	78.00%

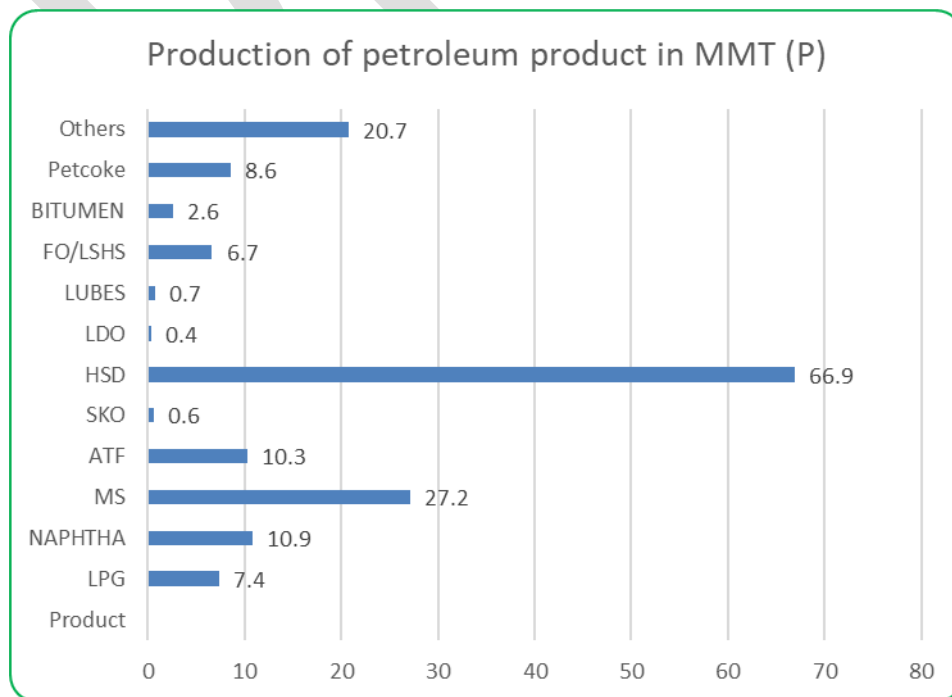
4. Production of Petroleum Products

Details of production of petroleum products by refineries and fractionators during October 2024^(P) are given in Table-2.

Table-2; Production of petroleum products	
(Thousand Metric Tonnes)	
Products	October 2024 ^(P)
LPG	1040
Naphtha	1551
MS	3865
ATF	1518
SKO	77
HSD	9406
LDO	63
Lubes	90
FO	831
LSHS	30
Bitumen	298
RPC(Pet-coke)	1211
Others	2983
Total	22962

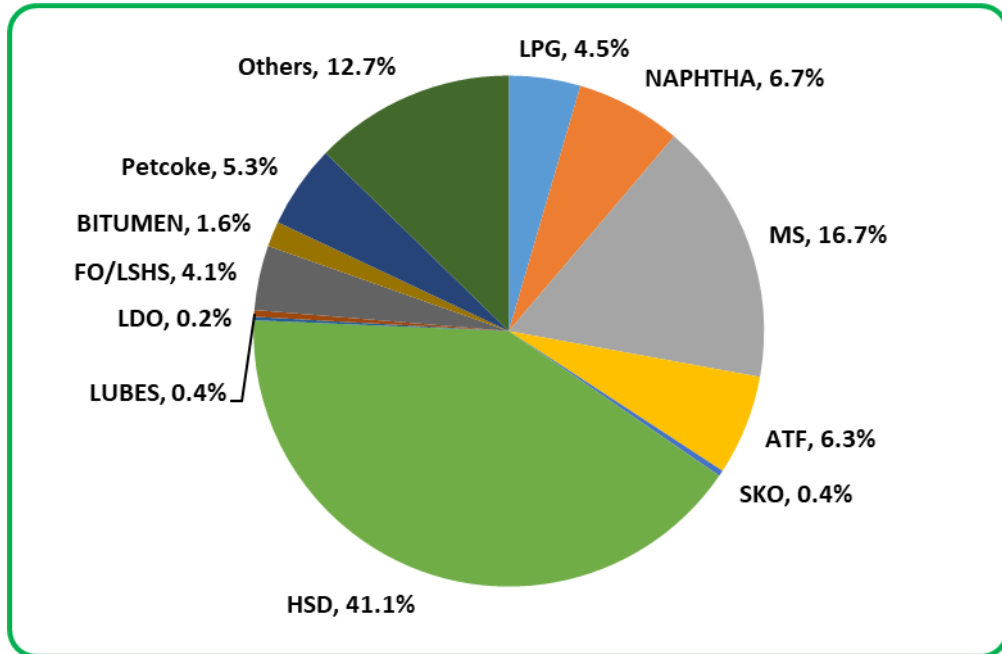
Note: (P): Provisional. Source: Oil Companies, Total may not tally due to rounding off.
 * Others include products like Propylene, solvents (Hexane, Benzene, Toluene, Xylene and Specialty solvents), Reformat, Mineral Turpentine Oil, Carbon Black Feedstock, Waxes, Sulphur etc.
 LPG: Liquefied petroleum 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 FY 2024-25^(P)



The percentage share of various products in total POL production during April - October FY 2024-25 is shown below:

Figure-6; Percentage share of products in total POL production: April-October 2024-25 ^(P)



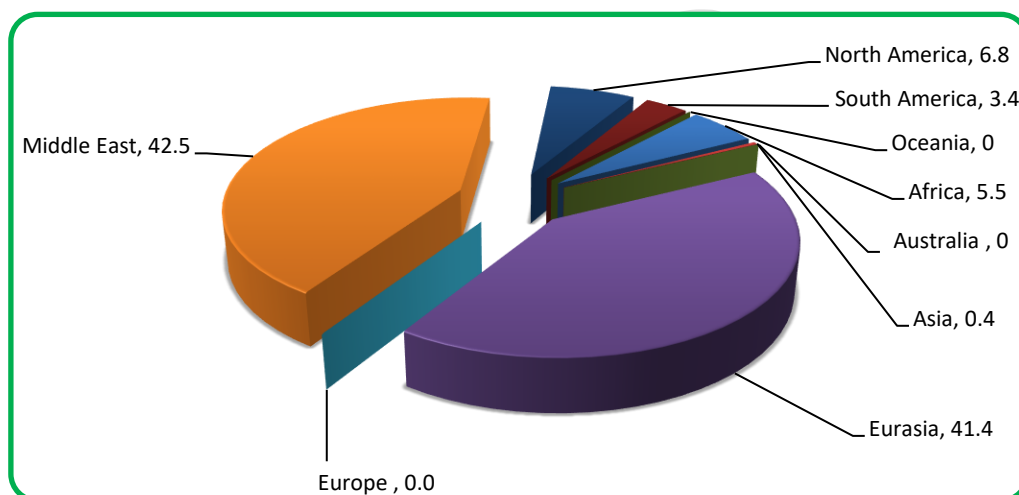
Part B: Import /Export

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 2024 ^(P)	April to October FY 2024-25 ^(P)
Crude Oil	19515	140170

Figure 7: Region wise percentage share (%) of crude oil during April to October FY 2024-25 (P)



- 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.
- Crude oil imports from OPEC countries increased to 48.2% of total imports during April- October FY 2024-25 as compared to 47.6% during April- October FY 2023-24.

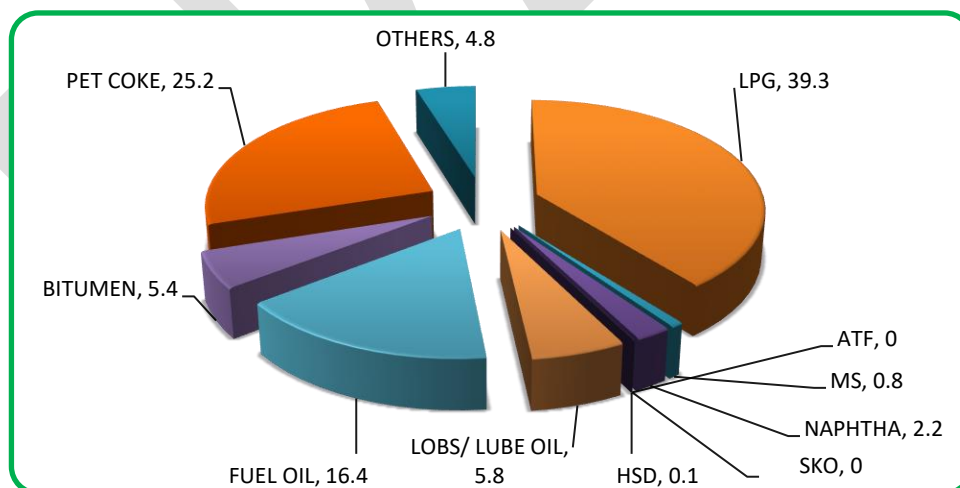
5.b Import Petroleum Products

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

Table-4; Import of Petroleum products		
(Thousand Metric Tonnes)		
Product	October 2024 ^(P)	April to October FY 2024-25 ^(P)
LPG	1993	11821
MS/ Petrol	0	235
NAPHTHA	65	667
ATF	0.001	0.017
SKO	0	0
HSD	4	23
LOBS/LUBE OIL	221	1752
FUEL OIL	769	4923
BITUMEN	249	1629
PETCOKE	1017	7561
OTHERS [§]	128	1445
TOTAL IMPORTS	4446	30056

Notes: (P): Provisional. Source: Oil Companies & DGCIS. Total may not tally due to rounding off.
 # Private imports are prorated for the period September-2024 to October-2024 on the basis of actual data received from DGCIS for the period September-2023 to August-2024
 § 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 FY 2024-25 (P)



- Imports made due to deficit in production viz. LPG and Lubes/LOBS accounted for 45.2% share of total POL products import during April- October FY 2024-25 as compared to 41.7% during April- October FY 2023-24.
- Imports of petcoke accounted for 25.2% of the total POL imports during April- October FY 2024-25. The entire quantity was imported by private importers.

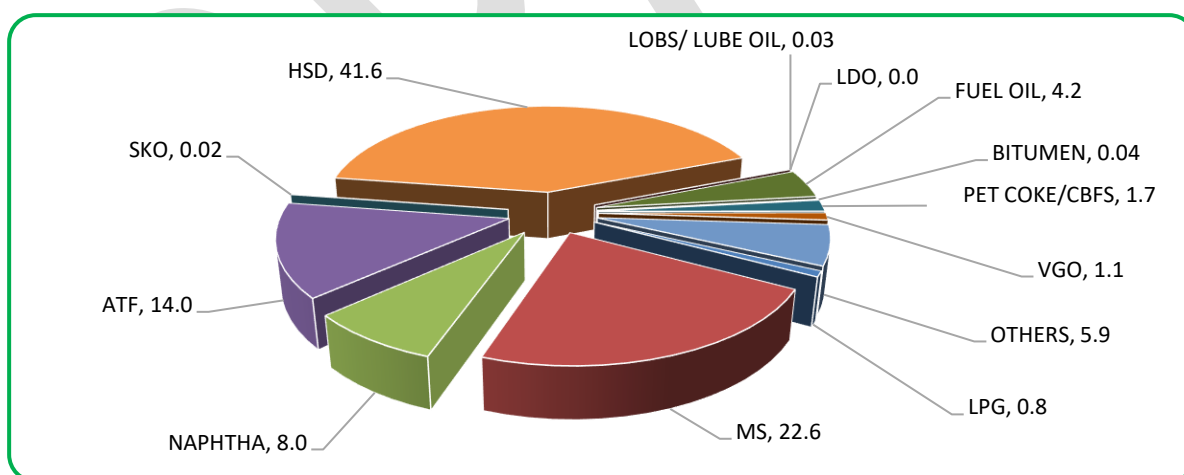
5.c Export of Petroleum Products

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

Table-5 Export of major Petroleum products		
(Thousand Metric Tonnes)		
Product	October 2024 ^(P)	April to October FY 2024-25 ^(P)
LPG	47	310
MS	1118	8300
Naphtha	334	2946
ATF	657	5136
SKO	1	7
HSD	2349	15307
LDO	0	0
LOBS/LUBE OIL	1	10
FUEL OIL	202	1545
BITUMEN	1	14
PETCOKE	18	613
VGO	75	393
OTHERS [#]	251	2174
TOTAL EXPORT	5054	36755

Note: (P): Provisional. Source: Oil Companies. Total may not tally due to rounding off.
[#] 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 exports: April to October FY 2024-25 (P)



- 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.