

**MONTHLY REPORT ON INDIGENOUS CRUDE OIL
PRODUCTION, IMPORT AND PROCESSING**

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**PRODUCTION, IMPORT AND EXPORT OF PETROLEUM
PRODUCTS**

August 2017



Petroleum Planning & Analysis Cell

(Ministry of Petroleum & Natural Gas)

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

Highlights

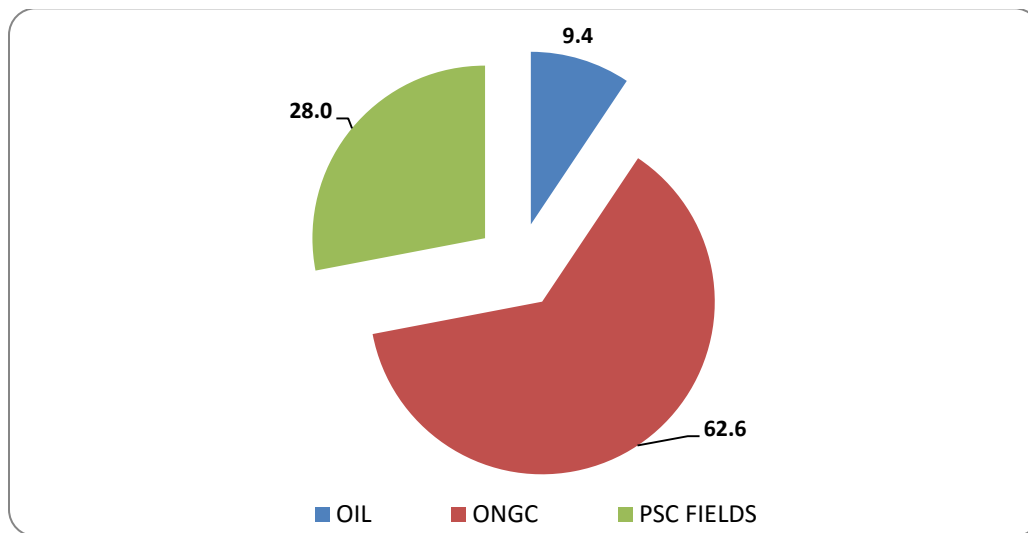
- Indigenous crude oil production during August 2017 was lower by 1.6% than August, 2016.
- Total crude oil processed during August 2017 was 20451 TMT, an increase of 0.8% over August 2016. On cumulative basis crude oil processed was marginally higher by 0.1% over the period April-August, 2016-17. Indigenous crude oil processed during April-August 2017 decreased by 2.8% over the corresponding period of last year.
- Production of petroleum products during August, 2017 saw a growth of 2.4% over August, 2016. On cumulative basis a growth of 1.0% was recorded in production over the period April- August, 2016-17.
- Crude oil imports decreased by 3.7% during August 2017 as compared to August 2016. On cumulative basis crude oil imports marginally decreased by 0.01% over the corresponding period of the previous year.
- Product imports decreased by 19.5% during August 2017 as compared to August 2016 due to decrease in pet-coke imports mainly by cement and steel industries. On cumulative basis, product imports decreased by 8.2% over the corresponding period of the previous year.
- Export of POL products decreased by 3.3% during August 2017 as compared to August 2016 primarily due to lower surplus availability of naphtha. On cumulative basis, an increase of 1.0% was recorded in product exports over the period April- August 2016-17.

2. Indigenous crude oil and condensate production

2.1. Indigenous crude oil and condensate production decreased by 1.6% during August 2017 as compared to August 2016. On cumulative basis it marginally decreased by 0.3% as compared to April-August, 2016-17.

- The percentage share of ONGC, OIL and PSC in overall crude oil production including condensate during April–August 2017 is shown in figure-1 below:

Figure-1; Percentage share in crude oil production: April – August 2017



3. Crude oil processing by Oil Companies

3.1. The total crude oil processed by Indian refining companies in the country during August 2017 was 20451 TMT. On cumulative basis Indian refining companies processed 101882 TMT crude oil during April-August 2017.

Indian refineries processed 74.8% of high sulphur crudes during August 2017 as compared to 72.1% in August 2016.

On cumulative basis 73.4% of high sulphur crudes were processed during April - August 2017 as against 71.8% in the corresponding period of 2016-17.

Self-sufficiency of petroleum products on consumption basis was 17.8% in August 2017 as against 18.0% during August 2016. On cumulative basis self-sufficiency was 18.0% during April-August 2017 as against 18.3% during April-August 2016.

4. Production of Petroleum Products

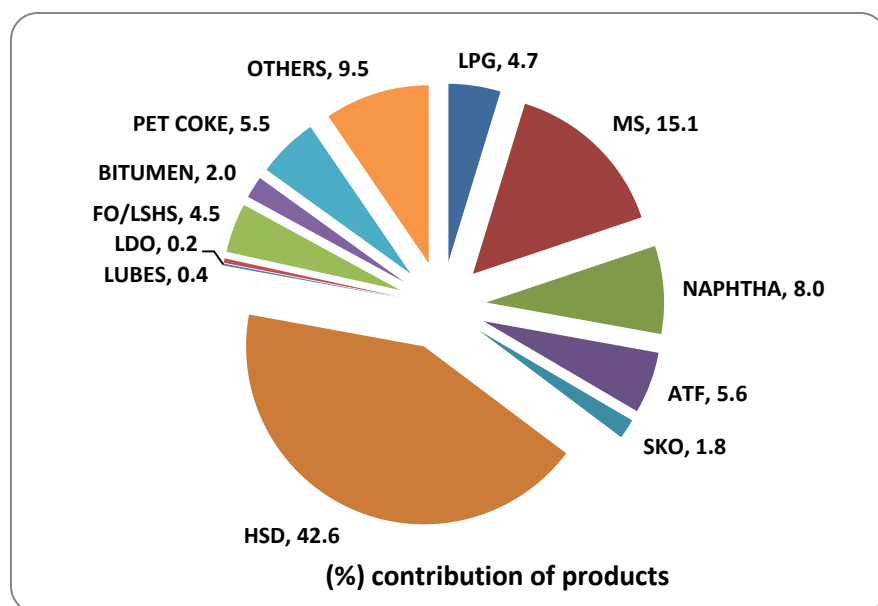
4.1. Petroleum products (grade-wise) production figures in August 2017 and cumulative position in the current year are given in Table-1.

Table-1, Production of petroleum products		
<i>(Thousand Metric Tonnes)</i>		
Products	August 2017^(P)	April-August 2017^(P)
LPG	990	4818
NAPHTHA	1585	8151
MS BS-III	0	0
MS BS-IV	1890	9823
MS Others	1063	5581
ATF	1102	5708
SKO	422	1842
HSD BS-III	1	2
HSD BS-IV	5403	28673
HSD Others	3591	14749
LDO	35	184
LUBES	83	410
FO	1037	4463
LSHS	21	107
BITUMEN	221	2035
RPC(Petcoke)	1124	5626
Others*	2016	9716
TOTAL	20585	101889

Note: All figures are provisional. Source : Oil Companies
** Others include products like Propylene, solvents (Hexane, Benzene, Toluene, Xylene and Specialty solvents), Reformate, Mineral Turpentine Oil, Carbon Black Feed Stock, Waxes, Sulphur etc.*

- Production of petroleum products from refineries and fractionators increased by 2.4% in August 2017 as compared to August 2016. On cumulative basis an increase of 1.0% was registered during April- August 2017 over April -August 2016.
- SKO production registered de-growth of 17.8% during August 2017 and 34.3% during April - August 2017 as compared to the corresponding period of previous year.
- On cumulative basis production of FO decreased by 11.8% and petcoke increased by 8.7% as a result of operation of bottom upgradation units.
- The percentage share contribution of various products in the total POL production during April-August 2017 is shown in figure -2 below:

Figure-2; Percentage share of products in POL production: April- August 2017



LPG, MS, ATF, SKO and HSD contributed 69.9% of total POL production during April – August 2017.

5. Import of Crude oil and Petroleum Products

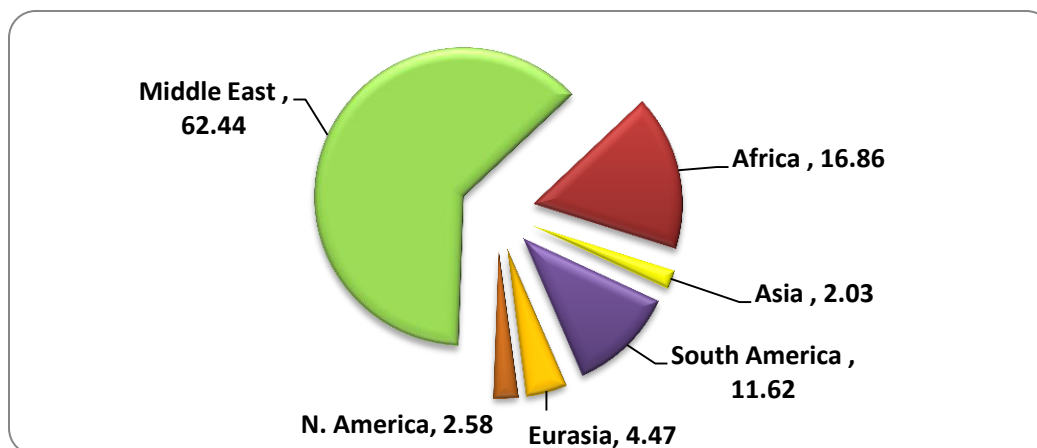
5.1 Details of import of crude oil and petroleum products are given in Table-2 below:

Table-2 ; Import of Crude oil and Petroleum Products		
<i>(Thousand Metric Tonnes)</i>		
Imports	August 2017 ^(P)	April-August 2017 ^(P)
Crude oil	18115	89131
Product Imports		
LPG	1096	4298
MS/ Petrol	0	174
Naphtha	174	578
ATF	25	128
SKO	0	0
HSD	5	1239
LOBS/Lube oil	153	876
Fuel Oil	67	402
Bitumen	68	383
Petcoke	1042	5325
Others [§]	214	1131
Total	2844	14533

*Note: All figures are provisional. Source: Oil Companies # DGCI&S data is estimated.
 § Others include SKO, CBFS, Paraffin wax, Petroleum Jelly, LSWR , Aviation Gas etc.*

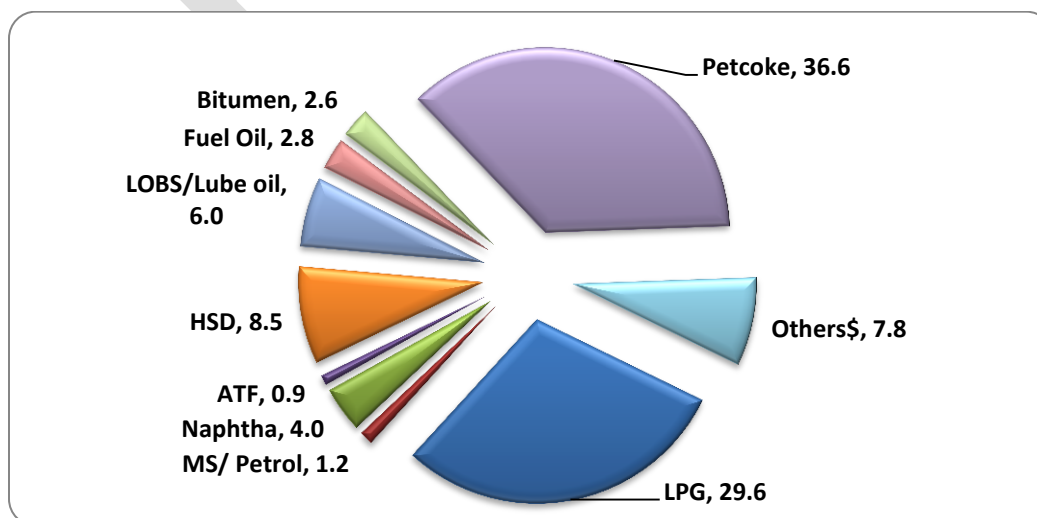
- Crude oil imports during August 2017 decreased by 696 TMT as compared to August 2016.
- Middle East region continued to be the largest source of crude oil imports at 62.4% followed by Africa at 16.9% and South America at 11.6% during April-August 2017.
- Region wise crude oil import share during April-August 2017 is given in figure-3.

Figure-3; Region wise percentage share of crude oil imports: April-August 2017



- Import of POL products decreased by 19.5% during August 2017 and 8.2% during April-August 2017 as compared to the corresponding period of the previous year mainly due to the reduction in petcoke imports. LPG imports increased during April-August 2017 due to increase in domestic consumption.
- The percentage share of all major products in the cumulative imports of the country during April-August 2017 is shown in figure-4.

Figure-4: Percentage share of petroleum products in imports (April-August 2017)



6. Export of Petroleum Products

6.1 The details of export of petroleum products are given in Table-3 below:

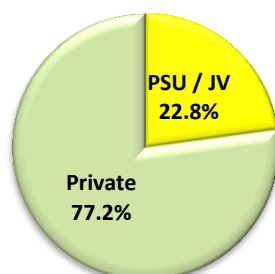
Table-3 ; Export of major petroleum products		
(Thousand Metric Tonnes)		
Exports	August 2017 ^(P)	April-August 2017 ^(P)
LPG	26	137
MS	1060	6013
NAPHTHA	628	3757
AVIA. TURBINE FUEL	573	2727
HSD	2792	11172
SKO	1	8
LDO	0	9
LOBS/ LUBE OIL	3	7
FUEL OIL	359	1060
BITUMEN	25	34
PET COKE	89	178
VGO	38	407
OTHERS [#]	314	1084
PRODUCT EXPORT	5909	26593

*Note: All figures are provisional . Source : Oil Companies
[#] Others in export include CBFS, Hexane, Benzene, MTO, Paraffin wax, Sulphur etc.*

Export of petroleum products decreased by 3.3 % during August 2017 as compared to August 2016 primarily due to decreased surplus availability of POL products like MS, naphtha and ATF which constituted 38.3% of total POL exports. On cumulative basis export of petroleum products increased by 1.0% during April-August 2017 as compared to April-August 2016. MS, Naphtha, ATF and HSD constituted 89% of POL exports during April-August 2017.

Trend of percentage share of POL exports by PSU/JV and private oil companies during April-August 2017 are given in figure-5.

Figure-5; Percentage share of PSU/JV and private oil companies: April –August 2017



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