

Government of India
Ministry of Petroleum and Natural Gas
Economic & Statistics Division

New Delhi
 Dated the **October, 2020**

Monthly Production Report
September, 2020

1. Production of Crude Oil

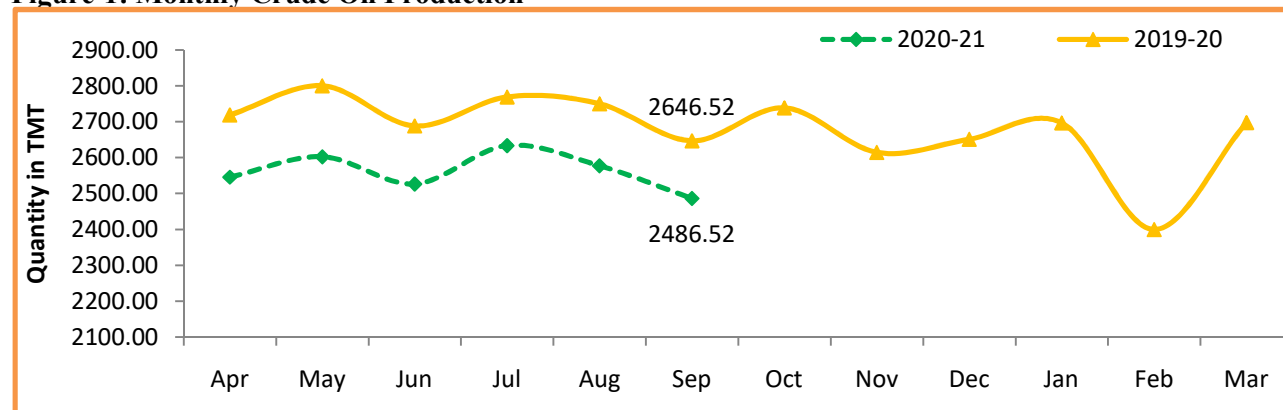
Crude oil production¹ during September, 2020 was 2486.52 TMT which is 6.94% lower than target and 6.05% lower when compared with September 2019. Cumulative crude oil production during April-September, 2020 was 15372.79 TMT which is 4.64% and 6.10% lower than target for the period and production during corresponding period of last year respectively. Unit-wise and State-wise crude oil production is given at **Annexure-I**. Unit-wise crude oil production for the month of September, 2020 and cumulatively for the period April-September, 2020 vis-à-vis same period of last year has been shown in Table-1 and month-wise in **Figure-1**.

Table-1: Crude Oil Production (in TMT)

Oil Company	Target	September (Month)				April-September (Cumulative)			
	2020-21 (Apr-Mar)	2020-21		2019-20	% over last year	2020-21		2019-20	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
ONGC	20931.54	1728.72	1638.71	1667.57	98.27	10499.38	10153.89	10252.13	99.04
OIL	3268.00	261.84	245.44	259.48	94.59	1562.02	1485.42	1614.27	92.02
PSC Fields	8265.00	681.38	602.38	719.48	83.72	4060.06	3733.47	4505.58	82.86
Total	32464.53	2671.94	2486.52	2646.52	93.95	16121.47	15372.79	16371.98	93.90

Note: 1. Target for the year 2020-21 is provisional, subject to finalization. *: Provisional
 2. Totals may not tally due to rounding off.

Figure-1: Monthly Crude Oil Production



¹Including condensate

Unit-wise production details with reasons for shortfall are as under:

1.1 Crude oil production by **ONGC** in nomination block during September, 2020 was 1638.71 TMT which is 5.21% lower than target and 1.73% lower when compared with September 2019. Cumulative crude oil production by ONGC during April-September, 2020 was 10153.89 TMT which is 3.29% and 0.96% lower than target for the period and production during corresponding period of last year respectively. Reasons for shortfall in production are as under:

- ❖ Production planned from **WO16 cluster** could not be realized due to delay in MOPU (SagarSamrat) as activities at GPC yard Abu Dhabi got affected due to Covid restrictions/lockdown
- ❖ Production planned from new wells in Ratna field affected due to non- availability of ESPs for well completion due to implications of COVID-19
- ❖ New wells planned under **Cluster 8** development project delayed due to toppling of D-30-2 platform jacket during installation and further delay in installation of new platforms due to COVID implications.
- ❖ Oil Production restricted in Rajahmundry Asset due to technical problem in SBM of M/s Vedanta's Loading Terminal at S. Yanam.

1.2 Crude oil production by **OIL** in the nomination during September, 2020 was 245.44 TMT which is 6.27% lower than the monthly target and 5.41% lower than the September, 2019. Cumulative crude oil production by OIL during April-September, 2020 was 1485.42 TMT which is 4.90% and 7.98% lower than target for the period and production during corresponding period of last year respectively. Reasons for shortfall in production are as under:

- ❖ Less than planned contribution from workover wells, drilling wells and old wells.
- ❖ Rise in water cut and decline in liquid production from existing wells.
- ❖ Bandhs /blockade by local people and associations etc. after the Baghjan Blowout, protests/agitation etc.
- ❖ Due to COVID-19 pandemic, closure of an installation BG WHS due to lack of manpower.

1.3 Crude oil production by **Pvt/JVs** in the PSC regime during September, 2020 was 602.38 TMT which is lower by 11.59% than the monthly target and 16.28% lower than September, 2019. Cumulative crude oil production by Pvt/JVs during April-September, 2020 was 3733.47 TMT which is 8.04% and 17.14% lower than target for the period and production during corresponding period of last year respectively. Reasons for shortfall in production are as under:

- ❖ RJ-ON-90/1 (Rajasthan Block): (1) Bhagyam – Higher PCP & electrical failures, delayed start-up full field polymer injection and Additional downtime due to OHL/Grid failure/Cellar pit water logging/Line Leaks (2) Aishwarya – Delayed startup of polymer injection in full field, lower UF VRR and Additional downtime due to OHL/Grid failure/Cellar pit water logging/Line Leaks. (4) ABH - Delay in hookup of ABH Stage-2 wells. (5) Saraswati – Downtime due to

frequent RSEB and DG breakdown on Saraswati pad-1. (6) Gudda: No production in the field due to water technical and maintenance issues. (CEIL)

- ❖ CB-ONN-2000/1 (Ingoli & Sanand East): Well PK#2 is not producing since Dec-2019 due to possible casing damage and reservoir issues and Well SE_DEV#1, SE#1A and SE1#A1 is shut-in due to unavailability of effective demulsifier to break tight water and oil emulsion. (GSPC)
- ❖ KG-ONN-2003/1 (Nagayalanka): Shut in of wells due to non-acceptance of crude by OTS of Ravva JV (ullage problem) (ONGC)
- ❖ CY-ONN-2002/2 (Madanam): The production from MDDD as envisaged in plan couldn't be realized as drilling activities are hampered due to local agitation. (ONGC)
- ❖ CB-ONN-2004/2 (Vadatal): Two development wells in VD-3 discovery and one development well in VD-5 discovery could not be drilled. (ONGC).

2. Production of Natural Gas

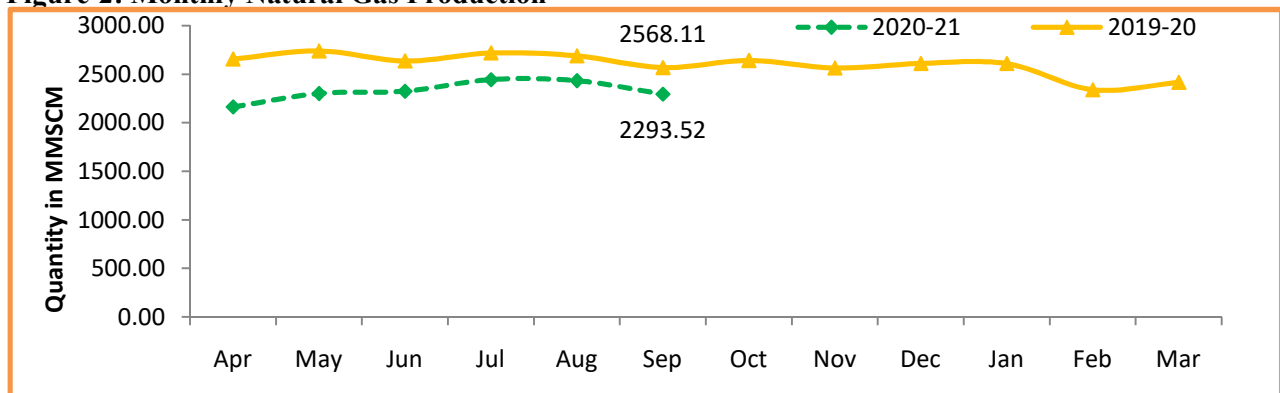
Natural gas production during September, 2020 was 2293.52 MMSCM which is 18.07% lower than the monthly target and 10.69% lower when compared with September, 2019. Cumulative natural gas production during April-September, 2020 was 13953.67 MMSCM which is 13.11% and 12.82% lower than target for the period and production during corresponding period of last year respectively. Unit-wise and state-wise natural gas production is given at **Annexure-II**. Unit-wise natural gas production for the month of September, 2020 and cumulatively for the period April-September, 2020 vis-à-vis same period of last year has been shown in Table-2 and month-wise in Figure-2.

Table-2: Natural Gas Production (in MMSCM)

Oil Company	Target	September (Month)				April-September (Cumulative)			
	2020-21 (Apr-Mar)	2020-21		2019-20	% over last year	2020-21		2019-20	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
ONGC	24437.08	2005.75	1782.61	1913.42	93.16	12232.45	10979.09	12071.71	90.95
OIL	3181.54	280.40	200.66	231.72	86.60	1560.38	1241.80	1384.38	89.70
PSC Fields	6826.82	513.15	310.25	422.98	73.35	2265.79	1732.78	2549.03	67.98
Total	34445.44	2799.30	2293.52	2568.11	89.31	16058.62	13953.67	16005.12	87.18

Note: 1. Target for the year 2020-21 is provisional, subject to finalization. *: Provisional
2. Totals may not tally due to rounding off.

Figure-2: Monthly Natural Gas Production



2.1 Natural gas production by **ONGC** in the nomination during September, 2020 was 1782.61 MMSCM which is 11.13% lower than target and 6.84% lower when compared with September 2019. Cumulative natural gas production by ONGC during April-September, 2020 was 10979.09 MMSCM which is 10.25% and 9.05% lower than target for the period and production during corresponding period of last year respectively. Reasons for shortfall in production are as under:

- ❖ Closure of Gas wells in western offshore due to Hazira Plant shutdown on 24.09.20 and subsequent normalization.
- ❖ Less Gas production from WO16 cluster due to delay in MOPU and non-realization of gain planned from new subsea wells in Bassein field due to delay in subsea umbilical connections/hook up jobs in view of Covid-19 implications.
- ❖ Less than planned production from Vasistha/S1 wells in EOA due certain reservoir related issues.

2.2 Natural gas production by **OIL** in the nomination during September, 2020 was 200.66 MMSCM which is 28.44% lower than monthly target and 13.40% lower than September, 2019. Cumulative natural gas production by OIL during April-September, 2020 was 1281.80 MMSCM which is 20.42% and 10.30% lower than target for the period and production during corresponding period of last year respectively. Reasons for shortfall in production are as under:

- ❖ Loss of potential in Deohal area due to presence of CO₂ in production stream.
- ❖ Low demand of gas by the major customers.
- ❖ Bandhs /blockade by local people and associations etc. after the Baghjan Blowout, protests/agitation etc.

2.3 Natural gas production by **Pvt/JVs** in the PSC regime during September, 2020 was 310.25 MMSCM which is 39.54% lower than monthly target and 26.65% lower than September, 2019. Cumulative natural gas production by Pvt/JVs during April-September, 2020 was 1732.78 MMSCM which is 23.52% and 32.02% lower than target for the period and production during corresponding period of last year respectively. Reasons for shortfall in production are as under:

- ❖ KG-DWN-98/3 (D-34): The contractor has stated that the project progress of R-Series D-34 field of KG-DWN-98/3 was on track till the outbreak of COVID-19 pandemic and despite the pandemic constraints/lockdown, best efforts are being made for start-up of R-Cluster (D34) project. (RIL)
- ❖ RJ-ON/6 (SGL): Power Plant customer has further reduced gas offtake as one of the Gas turbine is on emergency shutdown. (FEL)
- ❖ RJ-ON-90/1 (Rajasthan Block): RDG - Delay in new RDG plant start up due to Covid-19. (CEIL)
- ❖ KG-DWN-98/2 (U-3B): Less Gas production from well due to reduction of choke because of increase in water Production from well. (ONGC)
- ❖ SOHAGPUR WEST (CBM): 1. Dewatering Wells Gas breakout awaited. 2. Scaling in producing Wells. 3. Impact of COVID19 lockdown. (RIL)

3. Crude Oil Processed (Crude Throughput)

Crude Oil Processed during September, 2020 was 17706.85 TMT which is 14.75% lower than the target for the month and 8.80% lower when compared with September, 2019. Cumulative crude throughput during April-September, 2020 was 100166.06 TMT which is 18.96% and 20.33% lower than target for the period and crude throughput during corresponding period of last year respectively. Refinery-wise details of the crude throughput and capacity utilization during the month of September, 2020 vis-à-vis September, 2019 are given at **Annexures-III and Annexures - IV**. Company-wise crude throughput for the month of September, 2020 and cumulatively for the period April-September, 2020 vis-à-vis same period of last year has been shown in Table-3 and month-wise in Figure-3.

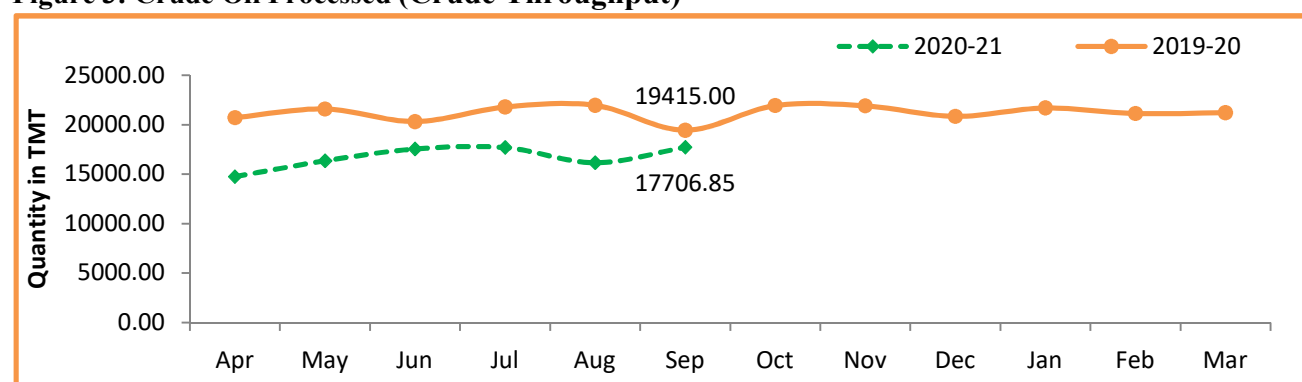
Table 3: Crude Oil Processed (Crude Throughput) (in TMT)

Oil Company	Target	September (Month)				April-September (Cumulative)			
	2020-21 (Apr-Mar)	2020-21		2019-20	% over last year	2020-21		2019-20	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
CPSE	148031.12	12037.03	9732.67	10744.13	90.59	71403.92	54632.82	71184.40	76.75
IOCL	72499.86	6033.24	4656.72	5162.11	90.21	35086.15	26899.27	34820.22	77.25
BPCL	30499.95	2070.00	1889.75	2257.22	83.72	15155.21	10664.17	15205.53	70.13
HPCL	17867.47	1506.38	1398.38	1379.24	101.39	9188.89	8033.14	8484.47	94.68
CPCL	9000.00	900.00	769.87	743.43	103.56	3540.00	3383.31	5188.76	65.20
NRL	2700.00	222.00	198.15	210.96	93.93	1353.00	1268.38	1394.36	90.96
MRPL	15400.00	1300.00	812.52	984.14	82.56	7050.00	4346.94	6047.41	71.88
ONGC	63.83	5.42	7.29	7.03	103.73	30.66	37.60	43.65	86.15
JVs	14772.00	1197.00	1505.07	1134.55	132.66	7299.00	7640.58	9640.09	79.26
BORL	7800.00	640.00	489.28	532.38	91.91	3900.00	2511.18	3779.07	66.45
HMEL	6972.00	557.00	1015.78	602.18	168.69	3399.00	5129.40	5861.02	87.52
Private	89515.16	7536.32	6469.12	7536.32	85.84	44903.78	37892.67	44903.78	84.39
RIL	68894.99	5894.55	5008.97	5894.55	84.98	34503.02	28976.86	34503.02	83.98
NEL	20620.18	1641.76	1460.15	1641.76	88.94	10400.76	8915.81	10400.76	85.72
TOTAL	252318.28	20770.35	17706.85	19415.00	91.20	123606.70	100166.06	125728.27	79.67

Note: 1. Target for the year 2020-21 is provisional, subject to finalization. *: Provisional

2. Totals may not tally due to rounding off.

Figure 3: Crude Oil Processed (Crude Throughput)



3.1 CPSE Refineries' crude oil processed during September, 2020 was 9732.67 TMT which is 19.14% lower than the target for the month and 9.41% lower when compared with September, 2019. Cumulative crude throughput by CPSE refineries during April-September, 2020 was 54632.82 TMT which is 23.49% and 23.25% lower than target for the period and crude throughput during corresponding period of last year respectively. Reasons for shortfall in production are as under:

- ❖ IOCL- Jharia, Haldia, Mathura, Panipat, Bongaigaon and Paradeep: Crude t'put regulated for high HSD stock for low product demand due to COVID impact.
- ❖ IOCL-Digboi: Crude T'put regulated due to high VR stock due to DCU SAD for high skin temperature.
- ❖ BPCL Mumbai & Kochi: Refineries crude processing was lower during Apr-Sep'20 due to lower demand for petroleum products on account of COVID-19 impact.
- ❖ HPCL-Mumbai & Visakh: Lower due to planned shutdown of secondary unit and impact of COVID situation.
- ❖ CPCL-Manali: Lower due to Lower demand due to impact of COVID-19 lockdown.
- ❖ NRL- Numaligarh: Lower due to Lower demand due to impact of COVID-19 lockdown.

3.2 JV refineries' crude oil processed during September, 2020 was 1505.07 TMT which is 25.74% higher than the target for the month and 32.66% higher when compared with September, 2019. Cumulative crude throughput during April-September, 2020 was 7640.58 TMT which is 4.68% higher than target for the period but 20.74% lower when compare with the corresponding period of last year respectively.

3.3 Private refineries' crude oil processed during September, 2020 was 6469.12 TMT which is 14.16% lower than the corresponding month of last year. Cumulative crude throughput during April-September, 2020 was 37892.67 TMT which is 15.61% lower than the corresponding period of last year.

4. Production of Petroleum Products

Production of Petroleum Products during September, 2020 was 18000.82 TMT which is 14.92% lower than the target for the month and 9.49% lower when compared with September, 2019. Cumulative production during April-September, 2020 was 107288.52 TMT which is 14.88% and 16.26% lower than target for the period and production during corresponding period of last year respectively. Unit-wise production of petroleum products is given at **Annexure-V**. Company-wise production for the month of September, 2020 and cumulatively for the period April-September, 2020 vis-à-Vis same period of last year has been shown in Table-4 and month-wise in Figure-4.

4.1 Production of petroleum Products by Oil's Refineries during September, 2020 was 17663.73 TMT which is 14.90% lower than the target for the month and 9.60% lower when compared with September, 2019. Cumulative production of petroleum products by refineries during April-September, 2020 was 105201.32 TMT which is 14.97% and 16.34% lower than target for the period and production during corresponding period of last year respectively.

4.2 Production of petroleum Products by **Fractionators** during September, 2020 was 337.08 TMT which is 15.65% lower than the target for the month and 3.44% lower when compared with September, 2019. Cumulative production by Fractionators during April-September, 2020 was 2087.20 TMT which is 10.11% and 11.98% lower than target for the period and production during corresponding period of last year respectively.

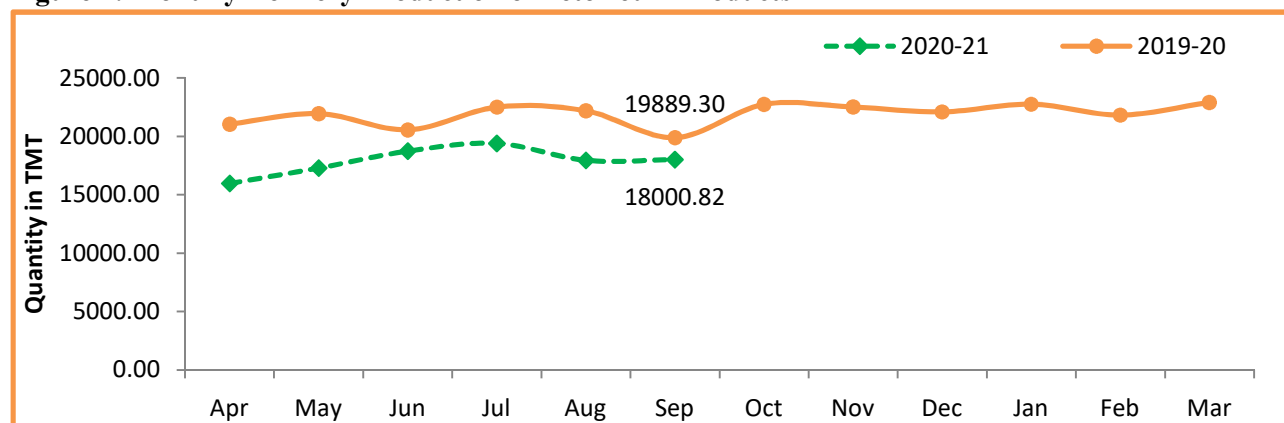
Table 4: Production of Petroleum Products (TMT)

Oil Company	Target	September (Month)				April-September (Cumulative)			
	2020-21 (Apr-Mar)	2020-21		2019-20	% over last year	2020-21		2019-20	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
CPSE	139203.86	11316.37	9095.89	10080.59	90.23	67174.07	51638.08	66922.75	77.16
IOCL	68912.87	5736.79	4458.82	4924.52	90.54	33332.73	25688.84	33015.44	77.81
BPCL	28965.13	1961.59	1815.91	2092.41	86.79	14417.25	10250.43	14262.35	71.87
HPCL	16438.97	1389.61	1219.62	1210.76	100.73	8462.32	7539.52	7861.78	95.90
CPCL	8278.87	835.00	692.81	703.10	98.54	3213.11	3055.04	4787.82	63.81
NRL	2660.91	218.71	184.10	210.68	87.38	1334.10	1259.83	1348.18	93.45
MRPL	13887.11	1169.58	717.54	932.45	76.95	6385.73	3808.38	5606.33	67.93
ONGC	60.00	5.10	7.10	6.66	106.50	28.82	36.03	40.85	88.18
JVs	13590.40	1100.92	1415.09	1119.83	126.37	6714.20	7099.17	8991.63	78.95
BORL	6958.40	570.92	438.62	519.75	84.39	3480.20	2148.82	3463.19	62.05
HMEL	6632.00	530.00	976.47	600.07	162.73	3234.00	4950.36	5528.44	89.54
Private	102154.50	8339.79	7152.75	8339.79	85.77	49837.80	46464.07	49837.80	93.23
RIL	82374.12	6760.93	5787.13	6760.93	85.60	39886.43	37844.09	39886.43	94.88
NEL	19780.38	1578.86	1365.62	1578.86	86.49	9951.37	8619.98	9951.37	86.62
Total Refinery	254948.76	20757.08	17663.73	19540.20	90.40	123726.07	105201.32	125752.17	83.66
Fractionators	4572.73	399.64	337.08	349.10	96.56	2322.06	2087.20	2371.22	88.02
TOTAL	259521.49	21156.72	18000.82	19889.30	90.51	126048.13	107288.52	128123.40	83.74

Note: 1. Target for the year 2020-21 is provisional, subject to finalization. *: Provisional

2. Totals may not tally due to rounding off.

Figure 4: Monthly Refinery Production of Petroleum Products



Crude Oil Production during the month of September, 2020 and cumulatively for the period April-September, 2020 vis-à-vis April-September, 2019

(Figures in Thousand Metric Tons)

Name of Undertaking/Unit/State	Target production during the month	Production during the			Cumulative Production			% variation over last year		% variation during the month under review over Target production
					(April-September)					
		Month under review *	Corresponding month of last year	Preceding month of current year **	Target production during current year	Actual production during current year *	Actual production during corresponding period of last year	During the month under review	Upto the end of the period	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1. ONGC	1728.72	1638.71	1667.57	1708.23	10499.38	10153.89	10252.13	-1.73	-0.96	-5.21
Onshore	488.37	485.53	492.99	503.43	2961.39	2957.89	3039.07	-1.51	-2.67	-0.58
Andhra Pradesh	18.41	7.95	15.71	12.34	105.81	75.44	105.00	-49.43	-28.15	-56.84
Assam ^	78.97	78.47	80.09	81.59	479.65	478.67	484.86	-2.02	-1.28	-0.63
Gujarat	368.92	371.50	370.31	381.02	2238.33	2241.40	2289.53	0.32	-2.10	0.70
Tamil Nadu	22.07	27.61	26.88	28.48	137.60	162.39	159.69	2.73	1.69	25.10
Offshore	1240.35	1153.18	1174.57	1204.79	7537.99	7196.00	7213.06	-1.82	-0.24	-7.03
Eastern Offshore	1.26	0.93	1.76	0.98	7.89	6.47	10.38	-47.20	-37.68	-26.12
Western Offshore	1123.08	1065.88	1062.34	1106.59	6823.42	6609.25	6484.59	0.33	1.92	-5.09
Condensates	116.01	86.37	110.47	97.23	706.68	580.28	718.08	-21.81	-19.19	-25.55
2. OIL (Onshore)	261.84	245.44	259.48	242.98	1562.02	1485.42	1614.27	-5.41	-7.98	-6.27
Assam	258.47	242.61	257.19	240.28	1543.68	1469.06	1599.38	-5.67	-8.15	-6.14
Arunachal Pradesh	2.79	2.05	1.84	2.06	14.83	12.18	11.37	11.61	7.08	-26.70
Rajsthan (heavy oil)	0.58	0.78	0.45	0.63	3.51	4.18	3.52	72.85	18.93	35.57
3. Private / JVC	681.38	602.38	719.48	626.28	4060.06	3733.47	4505.58	-16.28	-17.14	-11.59
Onshore	594.12	505.47	587.95	517.37	3534.64	3107.93	3687.69	-14.03	-15.72	-14.92
Andhra Pradesh	3.90	1.44	4.42	1.84	24.99	18.22	16.03	-67.31	13.70	-62.97
Arunachal Pradesh	2.38	2.38	2.79	2.39	14.56	14.83	16.65	-14.83	-10.92	0.07
Assam	2.96	3.10	3.09	3.17	18.51	16.22	17.10	0.37	-5.16	4.68
Gujarat	18.00	13.51	11.62	12.82	89.33	71.16	65.50	16.22	8.63	-24.96
Rajasthan	559.47	478.67	558.77	490.48	3343.02	2947.09	3527.80	-14.33	-16.46	-14.44
Tamil Nadu	7.41	6.38	7.26	6.66	44.24	40.41	44.60	-12.23	-9.39	-13.99
Offshore	87.26	96.91	131.53	108.92	525.42	625.54	817.89	-26.32	-23.52	11.05
Eastern Offshore	57.88	61.51	41.08	70.88	343.30	420.70	255.66	49.74	64.56	6.27
Gujarat Offshore	29.39	35.40	50.69	38.04	182.12	204.84	332.13	-30.16	-38.33	20.47
Western Offshore	0.00	0.00	39.77	0.00	0.00	0.00	230.10	-	-	-
GRAND TOTAL (1+2+3)	2671.94	2486.52	2646.52	2577.49	16121.47	15372.79	16371.98	-6.05	-6.10	-6.94
Onshore	1344.33	1236.44	1340.42	1263.78	8058.06	7551.25	8341.03	-7.76	-9.47	-8.03
Offshore	1327.61	1250.09	1306.10	1313.71	8063.41	7821.54	8030.95	-4.29	-2.61	-5.84

Note: 1. Totals may not tally due to rounding off figures.

*: Provisional.

**: Revised

Natural Gas Production during the month of September, 2020 and cumulatively for the period April-September, 2020 vis-à-vis April-September, 2019

(Figures in Million Cubic Meters)

Name of Undertaking/Unit/State	Target production during the month	Production during the			Cumulative Production			% variation over last year		% variation during the month under review over Target production
		Month under review *	Corresponding month of last year	Preceding month of current year **	Target production during current year	Actual production during current year *	Actual production during corresponding period of last year	During the month under review	Upto the end of the period	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1. ONGC	2005.75	1782.61	1913.42	1920.33	12232.45	10979.09	12071.71	-6.84	-9.05	-11.13
Onshore	390.24	399.82	426.07	403.49	2427.76	2382.95	2683.63	-6.16	-11.20	2.46
Andhra Pradesh	69.55	69.01	73.45	71.66	431.84	402.12	450.21	-6.05	-10.68	-0.78
Assam	35.35	31.22	39.55	33.14	214.05	199.11	235.33	-21.06	-15.39	-11.67
Gujarat	85.34	89.04	101.32	92.38	529.98	535.96	641.86	-12.11	-16.50	4.34
Rajasthan	0.58	0.00	0.00	0.00	3.51	0.00	0.00	-	-	-
Tamil Nadu	82.32	76.58	88.27	69.41	510.56	432.35	530.40	-13.24	-18.49	-6.97
Tripura	117.10	133.97	123.49	136.90	737.81	813.41	825.82	8.49	-1.50	14.40
Offshore	1615.52	1382.79	1487.34	1516.84	9804.69	8596.14	9388.08	-7.03	-8.44	-14.41
Eastern Offshore	107.55	33.86	85.96	36.36	673.36	226.84	546.50	-60.62	-58.49	-68.52
Western Offshore	1507.97	1348.93	1401.38	1480.48	9131.33	8369.30	8841.59	-3.74	-5.34	-10.55
2. OIL	280.40	200.66	231.72	188.59	1560.38	1241.80	1384.38	-13.40	-10.30	-28.44
Assam	257.37	186.38	206.98	171.31	1419.93	1116.90	1243.23	-9.95	-10.16	-27.58
Arunachal Pradesh	3.30	4.75	3.65	4.71	20.13	24.95	14.49	30.08	72.25	43.90
Rajasthan	19.73	9.53	21.09	12.58	120.33	99.94	126.66	-54.81	-21.09	-51.69
3. Private / JVC	513.15	310.25	422.98	322.77	2265.79	1732.78	2549.03	-26.65	-32.02	-39.54
Onshore	233.82	199.03	172.82	204.71	1150.05	1088.31	959.07	15.17	13.48	-14.88
Andhra Pradesh	1.52	0.41	1.41	0.62	9.69	6.15	5.70	-71.08	7.84	-73.19
Arunachal Pradesh	0.12	0.41	0.61	0.42	0.75	2.48	3.74	-33.22	-33.51	229.94
Assam	32.28	36.04	30.94	36.30	196.91	176.72	170.80	16.48	3.47	11.64
Gujarat	7.46	5.60	5.96	5.93	44.83	29.51	33.78	-6.15	-12.64	-24.97
Rajasthan	189.24	153.59	131.42	158.35	879.56	855.70	730.46	16.87	17.15	-18.84
Tamil Nadu	3.20	2.99	2.48	3.09	18.30	17.76	14.60	20.97	21.60	-6.44
CBM	74.40	52.41	52.28	54.23	408.18	312.96	326.37	0.24	-4.11	-29.57
Jharkhand (CBM)	2.55	0.17	0.44	0.14	9.69	0.57	2.55	-61.49	-77.47	-93.29
Madhya Pradesh (CBM)	36.60	27.76	28.15	29.29	202.68	172.68	170.78	-1.38	1.12	-24.15
West Bengal (CBM)	35.25	24.47	23.68	24.80	195.82	139.70	153.05	3.33	-8.72	-30.58
Offshore	204.92	58.82	197.88	63.83	707.55	331.50	1263.58	-70.28	-73.76	-71.30
Eastern Offshore	194.42	46.81	76.68	50.88	650.05	266.12	495.78	-38.96	-46.32	-75.92
Gujarat Offshore	10.50	12.01	9.57	12.95	57.50	65.39	70.51	25.47	-7.26	14.37
Western Offshore	0.00	0.00	111.63	0.00	0.00	0.00	697.30	-	-	-
TOTAL (1+2+3)	2799.30	2293.52	2568.11	2431.69	16058.62	13953.67	16005.12	-10.69	-12.82	-18.07
CBM	74.40	52.41	52.28	54.23	408.18	312.96	326.37	0.24	-4.11	-29.57
Onshore	904.46	799.51	830.61	796.79	5138.19	4713.07	5027.08	-3.74	-6.25	-11.60
Offshore	1820.44	1441.60	1685.23	1580.67	10512.25	8927.64	10651.67	-14.46	-16.19	-20.81

Note: 1. Totals may not tally due to rounding off figures.

*: Provisional.

**: Revised

Crude Oil Processed during the month of September, 2020 and cumulatively for the period April-September, 2020 vis-à-vis April-September, 2019

(Figures in Thousand Metric Tons)

Name of Undertaking/Unit	Target production during the month	Production during the			Cumulative Production			% variation		% variation during the month under review over Target production
					(April-September)					
		Month under review *	Corresponding month of last year	Preceding month of current year **	Target production during current year**	Actual production during current year *	Actual production during corresponding period of last year	During the month under review	Upto the end of the period	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
A. Public Sector	12037.03	9732.67	10744.13	8722.76	71403.92	54632.82	71184.40	-9.41	-23.25	-19.14
1. IOC, Guwahati	74.25	74.93	89.60	89.20	434.02	338.74	497.99	-16.37	-31.98	0.92
2. IOC, Barauni	335.33	375.66	434.61	317.72	2962.00	2226.11	3198.80	-13.56	-30.41	12.03
3. IOC, Gujarat	1280.98	899.18	1086.22	834.44	6622.48	5214.12	5590.06	-17.22	-6.73	-29.81
4. IOC, Haldia	705.34	440.15	515.59	562.18	4302.60	2740.05	3899.38	-14.63	-29.73	-37.60
5. IOC, Mathura	750.00	614.66	843.13	640.87	4662.00	4013.85	5207.92	-27.10	-22.93	-18.04
6. IOC, Digboi	59.00	45.89	53.69	56.05	348.00	324.01	319.31	-14.52	1.47	-22.22
7. IOC, Panipat	1349.99	1025.37	580.47	976.51	8074.94	5666.75	7132.82	76.64	-20.55	-24.05
8. IOC, Bongaigaon	213.74	188.81	206.52	206.29	1303.51	1180.58	1210.71	-8.57	-2.49	-11.66
9. IOC, Paradip	1264.61	992.06	1352.30	266.40	6376.60	5195.06	7763.25	-26.64	-33.08	-21.55
Total IOC	6033.24	4656.72	5162.11	3949.64	35086.15	26899.27	34820.22	-9.79	-22.75	-22.82
10. BPCL, Mumbai	1120.00	909.39	1303.77	827.69	7359.00	5481.20	6989.89	-30.25	-21.58	-18.80
11. BPCL, Kochi	950.00	980.37	953.45	935.67	7796.21	5182.97	8215.64	2.82	-36.91	3.20
Total BPCL	2070.00	1889.75	2257.22	1763.37	15155.21	10664.17	15205.53	-16.28	-29.87	-8.71
12. HPCL, Mumbai	702.00	670.22	752.86	658.21	4282.20	3693.61	3849.57	-10.98	-4.05	-4.53
13. HPCL, Visakh	804.38	728.16	626.38	651.49	4906.69	4339.53	4634.90	16.25	-6.37	-9.48
Total HPCL	1506.38	1398.38	1379.24	1309.71	9188.89	8033.14	8484.47	1.39	-5.32	-7.17
14. CPCL, Manali	900.00	769.87	743.43	561.68	3540.00	3383.31	5188.76	3.56	-34.80	-14.46
15. CPCL, CBR^	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-
Total CPCL	900.00	769.87	743.43	561.68	3540.00	3383.31	5188.76	3.56	-34.80	-14.46
16. NRL, Numaligarh	222.00	198.15	210.96	225.72	1353.00	1268.38	1394.36	-6.07	-9.04	-10.75
17. MRPL, Mangalore	1300.00	812.52	984.14	905.22	7050.00	4346.94	6047.41	-17.44	-28.12	-37.50
18. ONGC, Tatipaka	5.42	7.29	7.03	7.43	30.66	37.60	43.65	3.73	-13.85	34.45
B. Joint Venture	1197.00	1505.07	1134.55	1498.34	7299.00	7640.58	9640.09	32.66	-20.74	25.74
19. BORL, Bina	640.00	489.28	532.38	450.87	3900.00	2511.18	3779.07	55.31	-33.55	-23.55
20. HMEL, GGS, Bhatinda	557.00	1015.78	602.18	1047.47	3399.00	5129.40	5861.02	68.69	-12.48	82.37
C. Private Sector	7536.32	6469.12	7536.32	5928.57	44903.78	37892.67	44903.78	-14.16	-15.61	-14.16
21. RIL, Jamnagar	2866.09	2779.22	2866.09	3020.76	15428.82	16789.88	15428.82	-3.03	8.82	-3.03
22. RIL, SEZ	3028.46	2229.75	3028.46	1368.98	19074.20	12186.97	19074.20	-26.37	-36.11	-26.37
Total RIL	5894.55	5008.97	5894.55	4389.74	34503.02	28976.86	34503.02	-15.02	-16.02	-15.02
23. NEL, Vadinar	1641.76	1460.15	1641.76	1538.83	10400.76	8915.81	10400.76	-11.06	-14.28	-11.06
TOTAL(A+B+C)	20770.35	17706.85	19415.00	16149.67	123606.70	100166.06	125728.27	-8.80	-20.33	-14.75

Note:1. Totals may not tally due to rounding off figures. *: Provisional. **:Revised

2. Target for the reporting month, as per input received from Oil Companies and Annual Target are under finalization.

Reasons for shortfall are indicated in the note.

^: CPCL CBR refinery is under shutdown due to limitation in meeting required Product specifications with the existing configuration.

Refinery-wise Capacity Utilisation during the month of September, 2020 and cumulatively for the period April-September, 2020 vis-à-vis April-September, 2019

(Figures in Thousand Metric Tons)

Name of Undertaking/Unit	September, 2020			September, 2019			Cumulative (April - September)					
	Prorated Installed Capacity	Actual Crude T'put *	% Utilisation of Installed Capacity	Prorated Installed Capacity	Actual Crude T'put	% Utilisation of Installed Capacity	2020-21			2019-20		
							Prorated Installed Capacity	Actual Crude T'put *	% Utilisation of Installed Capacity	Prorated Installed Capacity	Actual Crude T'put	% Utilisation of Installed Capacity
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
A. Public Sector	11718.00	9732.67	83.06	11645.00	10744.13	92.26	71088.00	54632.82	76.85	70645.00	71184.40	100.76
1. IOC, Guwahati	82.00	74.93	91.38	82.00	89.60	109.26	499.00	338.74	67.88	497.00	497.99	100.20
2. IOC, Barauni	493.00	375.66	76.20	492.00	434.61	88.34	2992.00	2226.11	74.40	2984.00	3198.80	107.20
3. IOC, Gujarat	1126.00	899.18	79.86	1123.00	1086.22	96.72	6831.00	5214.12	76.33	6813.00	5590.06	82.05
4. IOC, Haldia	658.00	440.15	66.89	615.00	515.59	83.84	3989.00	2740.05	68.69	3730.00	3899.38	104.54
5. IOC, Mathura	658.00	614.66	93.41	656.00	843.13	128.53	3989.00	4013.85	100.62	3978.00	5207.92	130.92
6. IOC, Digboi	53.00	45.89	86.59	53.00	53.69	101.30	324.00	324.01	100.00	323.00	319.31	98.86
7. IOC, Panipat	1233.00	1025.37	83.16	1230.00	580.47	47.19	7479.00	5666.75	75.77	7459.00	7132.82	95.63
8. IOC, Bongaigaon	193.00	188.81	97.83	193.00	206.52	107.00	1172.00	1180.58	100.73	1169.00	1210.71	103.57
9. IOC, Paradip	1233.00	992.06	80.46	1230.00	1352.30	0.00	7479.00	5195.06	69.46	7459.00	7763.25	0.00
Total IOC	5729.00	4656.72	81.28	5672.00	5162.11	91.01	34755.00	26899.27	77.40	34411.00	34820.22	101.19
10. BPCL, Mumbai	986.00	909.39	92.23	984.00	1303.77	132.50	5984.00	5481.20	91.60	5967.00	6989.89	117.14
11. BPCL, Kochi	1274.00	980.37	76.95	1270.00	953.45	75.07	7729.00	5182.97	67.06	7708.00	8215.64	106.59
Total BPCL	2260.00	1889.75	83.62	2254.00	2257.22	100.14	13712.00	10664.17	77.77	13675.00	15205.53	111.19
12. HPCL, Mumbai	616.00	670.22	108.80	615.00	752.86	122.42	3740.00	3693.61	98.76	3730.00	3849.57	103.21
13. HPCL, Visakh	682.00	728.16	106.77	680.00	626.38	92.12	4139.00	4339.53	104.84	4127.00	4634.90	112.31
Total HPCL	1299.00	1398.38	107.65	1295.00	1379.24	106.51	7878.00	8033.14	101.97	7857.00	8484.47	107.99
14. CPCL, Manali	863.00	769.87	89.21	861.00	743.43	86.34	5236.00	3383.31	64.62	5221.00	5188.76	99.38
15. CPCL, CBR^	82.00	0.00	0.00	82.00	0.00	0.00	499.00	0.00	0.00	497.00	0.00	0.00
Total CPCL	945.00	769.87	81.47	943.00	743.43	78.84	5734.00	3383.31	59.00	5719.00	5188.76	90.73
16. NRL, Numaligarh	247.00	198.15	80.22	246.00	210.96	85.75	1496.00	1268.38	84.78	1492.00	1394.36	93.46
17. MRPL, Mangalore	1233.00	812.52	65.90	1230.00	984.14	80.01	7479.00	4346.94	58.12	7459.00	6047.41	81.08
18. ONGC, Tatipaka	5.00	7.29	145.78	5.00	7.03	140.54	33.00	37.60	113.95	33.00	43.65	132.27
B. Joint Venture	1570.00	1505.07	95.86	1566.00	1134.55	72.45	9524.00	7640.58	80.22	9498.00	9640.09	101.50
19. BORL, Bina	641.00	489.28	76.33	639.00	532.38	83.31	3889.00	2511.18	64.57	3879.00	3779.07	97.42
20. HMEL, GGSF, Bhatinda	929.00	1015.78	109.34	926.00	602.18	65.03	5635.00	5129.40	91.03	5619.00	5861.02	104.31
C. Private Sector	7249.00	6469.12	89.24	7230.00	7536.32	104.24	43979.00	37892.67	86.16	43859.00	44903.78	102.38
21. RIL, Jamnagar	2712.00	2779.22	102.48	2705.00	2866.09	105.96	16455.00	16789.88	102.04	16410.00	15428.82	94.02
22. RIL, SEZ	2893.00	2229.75	77.07	2885.00	3028.46	104.97	17552.00	12186.97	69.43	17504.00	19074.20	108.97
Total RIL	5605.00	5008.97	89.37	5590.00	5894.55	105.45	34007.00	28976.86	85.21	33914.00	34503.02	101.74
23. NEL, Vadinar	1644.00	1460.15	88.82	1639.00	1641.76	100.17	9973.00	8915.81	89.40	9945.00	10400.76	104.58
TOTAL(A+B+C)	20537.00	17706.85	86.22	20440.00	19415.00	94.99	124591.00	100166.06	80.40	124002.00	125728.27	101.39

Note: Crude throughput in terms of crude oil processed.

*: Provisional.

**: Revised

^: CPCL CBR refinery is under shutdown due to limitation in meeting required Product specifications with the existing configuration.

Production of Petroleum Products during the month of September, 2020 and cumulatively for the period April-September, 2020 vis-à-vis April-September, 2019

(Figures in Thousand Metric Tons)

Name of Undertaking/Unit	Target production during the month	Production during the			Cumulative Production			% variation over last year		% variation during the month under review over Target production
					(April-September)					
		Month under review *	Corresponding month of last year	Preceding month of current year **	Target production during current year**	Actual production during current year*	Actual production during corresponding period of last year	During the month under review	Upto the end of the period	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
A. Public Sector	11316.37	9095.89	10080.59	8356.41	67174.07	51638.08	66922.75	-9.77	-22.84	-19.62
1. IOC, Guwahati	73.47	84.09	99.67	96.33	429.43	374.69	603.01	-15.63	-37.86	-3957.08
2. IOC, Barauni	282.55	354.55	349.66	348.71	2715.75	2142.66	2806.46	1.40	-23.65	25.48
3. IOC, Gujarat	1214.55	860.24	1037.36	790.65	6349.76	4985.74	5190.05	-17.07	-3.94	-29.17
4. IOC, Haldia	649.42	412.71	505.60	529.48	3961.19	2485.18	3603.34	-18.37	-31.03	-36.45
5. IOC, Mathura	731.02	600.92	832.35	598.93	4543.99	3906.22	5074.90	-27.80	-23.03	-17.80
6. IOC, Digboi	60.78	48.36	53.90	59.26	351.95	319.71	310.75	-10.29	2.88	-20.44
7. IOC, Panipat	1363.24	1051.91	628.86	957.50	8179.32	5742.88	7258.77	67.27	-20.88	-22.84
8. IOC, Bongaigaon	216.39	168.22	189.19	205.21	1048.00	1145.72	1171.71	-11.09	-2.22	-22.26
9. IOC, Paradip	1145.38	877.82	1227.93	225.67	5753.34	4586.04	6996.45	-28.51	-34.45	-23.36
Total IOC	5736.79	4458.82	4924.52	3811.73	33332.73	25688.84	33015.44	-9.46	-22.19	-22.28
10. BPCL, Mumbai	1075.65	869.68	1278.20	803.46	7107.90	5291.77	6678.32	-31.96	-20.76	-19.15
11. BPCL, Kochi	885.94	946.24	814.22	901.79	7309.35	4958.66	7584.03	16.21	-34.62	6.81
Total BPCL	1961.59	1815.91	2092.41	1705.24	14417.25	10250.43	14262.35	-13.21	-28.13	-7.43
12. HPCL, Mumbai	646.37	633.53	713.73	625.49	3928.54	3483.41	3678.14	-11.24	-5.29	-1.99
13. HPCL, Visakh	743.24	586.09	497.03	694.48	4533.78	4056.11	4183.63	17.92	-3.05	-21.14
Total HPCL	1389.61	1219.62	1210.76	1319.97	8462.32	7539.52	7861.78	0.73	-4.10	-12.23
14. CPCL, Manali	835.00	692.81	703.10	486.72	3213.11	3055.04	4786.93	-1.46	-36.18	-17.03
15. CPCL, CBR	0.00	0.00	0.00	0.00	0.00	0.00	0.88	-	-	-
Total CPCL	835.00	692.81	703.10	486.72	3213.11	3055.04	4787.82	-1.46	-36.19	-17.03
16. NRL, Numaligarh	218.71	184.10	210.68	227.83	1334.10	1259.83	1348.18	-12.62	-6.55	-15.82
17. MRPL, Mangalore	1169.58	717.54	932.45	797.80	6385.73	3808.38	5606.33	-23.05	-32.07	-38.65
18. ONGC, Tatipaka	5.10	7.10	6.66	7.13	28.82	36.03	40.85	6.50	-11.82	39.25
B. Joint Venture	1100.92	1415.09	1119.83	1354.88	6714.20	7099.17	8991.63	26.37	-21.05	28.54
19. BORL, Bina	570.92	438.62	519.75	363.62	3480.20	2148.82	3463.19	-15.61	-37.95	-23.17
20. HMEL, GGSR, Bhatinda	530.00	976.47	600.07	991.26	3234.00	4950.36	5528.44	62.73	-10.46	84.24
C. Private Sector	8339.79	7152.75	8339.79	7843.65	49837.80	46464.07	49837.80	-14.23	-6.77	-14.23
21. RIL, Jamnagar	2960.17	2755.23	2960.17	3100.83	16415.30	17746.87	16415.30	-6.92	8.11	-6.92
22. RIL, SEZ	3800.76	3031.90	3800.76	3260.60	23471.13	20097.22	23471.13	-20.23	-14.37	-20.23
Total RIL	6760.93	5787.13	6760.93	6361.44	39886.43	37844.09	39886.43	-14.40	-5.12	-14.40
23. NEL, Vadinar	1578.86	1365.62	1578.86	1482.21	9951.37	8619.98	9951.37	-13.51	-13.38	-13.51
TOTAL REFINERY (A+B+C)	20757.08	17663.73	19540.20	17554.94	123726.07	105201.32	125752.17	-9.60	-16.34	-14.90
ONGC	289.50	253.09	234.72	273.00	1714.82	1509.54	1730.54	7.83	-12.77	-12.58
GAIL	108.74	81.49	114.39	106.06	592.74	560.99	627.08	-28.76	-10.54	-25.06
OIL	1.40	2.51	0.00	2.84	14.50	16.67	13.60	-	22.52	79.29
D. Total Fractionators	399.64	337.08	349.10	381.89	2322.06	2087.20	2371.22	-3.44	-11.98	-15.65
Grand Total (A+B+C+D)	21156.72	18000.82	19889.30	17936.83	126048.13	107288.52	128123.40	-9.49	-16.26	-14.92

Note: 1 Totals may not tally due to rounding off figures.

*: Provisional. **: Revised

2. Target for the reporting month, as per input received from Oil Companies and Annual Target are under finalization.

Reasons for shortfall are indicated in the note.