

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

Dated the 21<sup>st</sup> November, 2017

**Monthly Production Report**  
**October, 2017**

**Crude Oil**

1. Crude oil production<sup>1</sup> during October, 2017 was 3038.25 TMT which is 4.63% lower than target and 0.41% lower when compared with October 2016. Cumulative crude oil production during April-October, 2017 was 21062.99 TMT which is 3.62% lower than target for the period and 0.24% lower than production during corresponding period of last year. Unit-wise and State-wise crude oil production is given at **Annexure-I**. Unit-wise crude oil production for the month of October, 2017 and cumulatively for the period April-October, 2017 vis-à-vis same period of last year has been shown in Table-1 and month-wise in Figure-1.

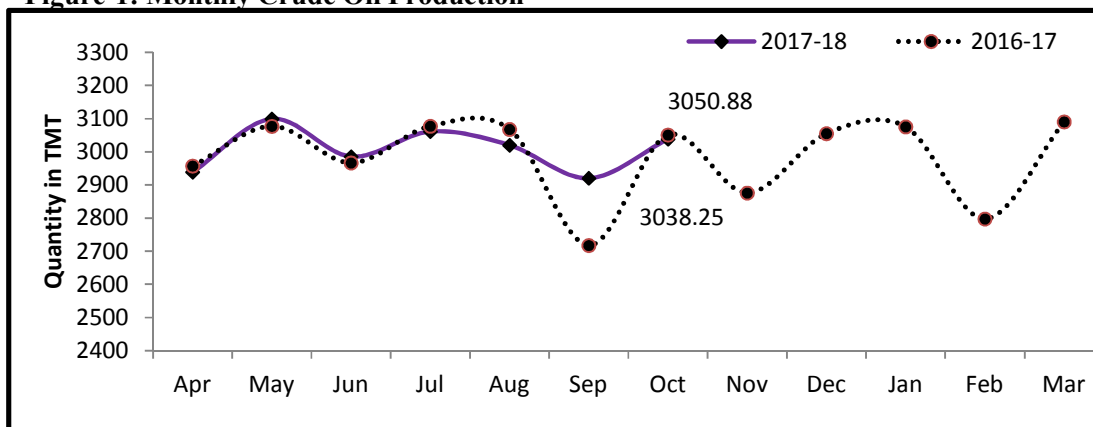
**Table-1: Crude Oil Production (in TMT)**

Oil Company	Target	October (Month)				April-October (Cumulative)			
	2017-18 (Apr-Mar)	2017-18		2016-17	% over last year	2017-18		2016-17	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
ONGC	23071.00	1965.86	1889.67	1872.32	100.93	13432.03	13191.66	12901.22	102.25
OIL	3734.00	317.03	286.90	275.62	104.09	2189.03	1980.50	1880.40	105.32
PSC Fields	10562.00	903.02	861.68	902.94	95.43	6232.49	5890.83	6332.90	93.02
<b>Total</b>	<b>37367.00</b>	<b>3185.90</b>	<b>3038.25</b>	<b>3050.88</b>	<b>99.59</b>	<b>21853.55</b>	<b>21062.99</b>	<b>21114.52</b>	<b>99.76</b>

Note: Totals may not tally due to rounding off.

\*: Provisional

**Figure-1: Monthly Crude Oil Production**



<sup>1</sup>Including condensate

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

1.1 Crude oil production by ONGC during October, 2017 was 1889.67 TMT which is 3.88% lower than the monthly target but 0.93% higher when compared with October, 2016. Cumulative crude oil production by ONGC during April-October, 2017 was 13191.66 TMT which is 1.79% lower than target for the period but 2.25% higher than production during corresponding period of last year. Reasons for shortfall in production with respect to target are as under:

- Natural decline/increase in water cut in wells of matured fields of western offshore and less than estimated production from wells in SHP and NQO area due to de-optimization of wells.
- Production from B-193 cluster in western offshore restricted due to high back pressure in B-193 export pipeline due to choking in the line.
- Production from NBP field in western offshore affected due ESP related issues.
- Frequent power shut downs in Mehsana, Ahmedabad & Assam hampered artificial lift operations.
- Unexpected ceasure of more flowing wells in Mehsana Asset.
- Wells closed for cluster drilling/ rig movements in Assam and Ahmedabad.

1.2 Crude oil production by OIL during October, 2017 was 286.90 TMT which is 9.50% lower than monthly target but 4.09% higher than production in October, 2016. Cumulative crude oil production by OIL during April-October, 2017 was 1980.50 TMT which is 9.53% lower than target for the period but 5.32% higher than production during corresponding period of last year. Reasons for shortfall in production are as under:

- Less than planned contribution from old wells – Rise in water cut in wells and decline in total liquid production of wells of Greater Hapjan and Greater Chandmari Fields.
- Less than planned contribution from work over wells.

1.3 Crude oil production by Pvt/JVs during October, 2017 was 861.68 TMT which is 4.58% lower than the monthly target and 4.57% lower than October, 2016. Cumulative crude oil production by Pvt/JVs during April-October, 2017 was 5890.83 TMT which is 5.48% lower than target for the period and 6.98% lower than the production during corresponding period of last year. Reasons for shortfall in production are as under:

- Around 120 wells are closed due to various reasons like high water cut, require work-over-job, etc. in RJ-ON-90/1
- Bhagyam production is improving over last few months but reservoir is still underperforming vis-à-vis by Management Committee approved profile.
- Production stopped from Guda and Kaameshwari-W due to non-availability of tankers from July 2017 onwards

- Mangala production hampered due to power fluid pump tripping during Oct'17.
- CY-ONN-2002/2: Test production from 5 oil wells. PML not yet granted.
- CB-ONN-2004/2: Underperformance of wells.

## Natural Gas

2. Natural gas production during October, 2017 was 2808.82 MMSCM which is 4.28% lower than the target for the month but 1.95% higher when compared with October, 2016. Cumulative natural gas production during April-October, 2017 was 19221.73 MMSCM which is 5.13% lower than target for the period but 4.02% higher than the production during corresponding period of last year. Unit-wise and state-wise natural gas production is given at **Annexure-II**. Unit-wise natural gas production for the month of October, 2017 and cumulatively for the period April-October, 2017 vis-à-vis same period of last year has been shown in Table-2 and month-wise in Figure-2.

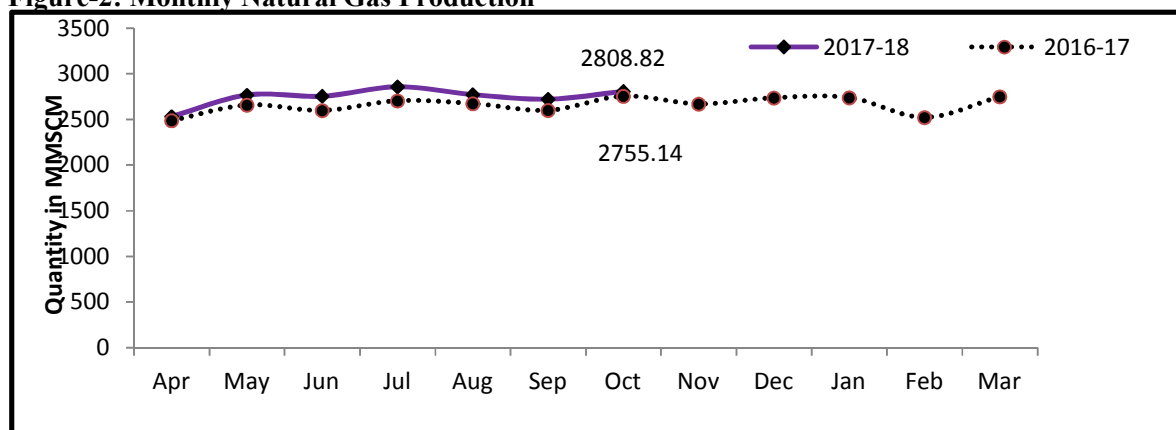
**Table-2: Natural Gas Production (MMSCM)**

Oil Company	Target	October (Month)				April-October (Cumulative)			
	2017-18 (Apr-Mar)	2017-18		2016-17	% over last year	2017-18		2016-17	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
ONGC	24208.00	2008.69	2017.97	1943.04	103.86	13868.99	13693.21	12626.58	108.45
OIL	3000.00	252.21	243.25	245.78	98.97	1756.06	1724.51	1720.15	100.25
PSC Fields	8034.00	673.37	547.60	566.32	96.69	4636.93	3804.00	4131.94	92.06
<b>Total</b>	<b>35242.00</b>	<b>2934.27</b>	<b>2808.82</b>	<b>2755.14</b>	<b>101.95</b>	<b>20261.97</b>	<b>19221.73</b>	<b>18478.67</b>	<b>104.02</b>

Note: Totals may not tally due to rounding off.

\*: Provisional

**Figure-2: Monthly Natural Gas Production**



2.1 Natural gas production by ONGC during October, 2017 was 2017.97 MMSCM which is 0.46% higher than the monthly target and 3.86% higher when compared with October, 2016. Cumulative natural gas production by ONGC during April-October, 2017 was 13693.21 MMSCM which is 1.27% lower than the cumulative target and 8.45% higher than the production during the corresponding period of the last year. Restricted gas

production from B- series cluster due to non-availability one Process gas Compressor at MNP Complex under MH Asset.

2.2 Natural gas production by OIL during October, 2017 was 243.25 MMSCM which is 3.55% lower than the monthly target and 1.03% lower than October, 2016. Cumulative natural gas production by OIL during April-October, 2017 was 1724.51 MMSCM which is 1.80% lower than the cumulative target but 0.25% higher than the production during the corresponding period of last year. Reasons for shortfall in production are as under:

- Shut down of few non-associated gas well at various instances due to environmental problem.
- Inability of customers to offtake gas from time to time due to plant breakdown at customer end.

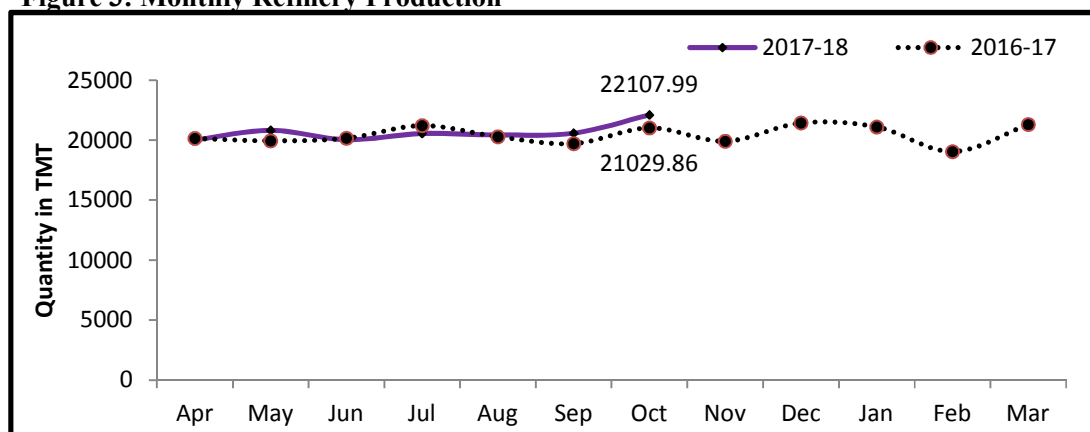
2.3 Natural gas production by Pvt/JVs during October, 2017 was 547.60 MMSCM which is 18.68% lower than the monthly target and 3.31% lower when compared with October, 2016. Cumulative natural gas production by Pvt/JVs during April-October, 2017 was 3804 MMSCM which is 17.96% lower than the cumulative target and 7.94% lower than the production during the corresponding period of last year. Reasons for shortfall in production are as under:

- Underperformance of wells in KG- OSN-2001/3 (GSPC).
- Closure of 2 wells in D1D3 field and 1 well in MA Field in KG-DWN-98/3 (RIL).
- Sohagpur West: Underperformance of CBM wells. Sales hampered due to IFFCO Unit partial Shutdown (RIL).
- Raniganj East (CBM Block): Few wells closed for planned maintenance and refrac jobs (ESSAR).
- AAP-ON-94/1: Production deferred due to delay in grant of PML. Well shutdown due to low consumer demand during October, 2017 (HOEC).

### **3. Refinery Production (in terms of crude oil processed)**

Refinery production during October, 2017 was 22107.99 TMT which is 1.51% higher than the target for the month and 5.13% higher when compared with October, 2016. Cumulative production during April-October, 2017 was 144605.01 TMT which is 3.37% higher than the target for the period and 1.45% higher than the production during corresponding period of last year. Unit-wise production is given at **Annexure-III**. Company-wise production for the month of October, 2017 and cumulatively for the period April-October, 2017 vis-à-vis same period of last year has been shown in Table-3 and month-wise in Figure-3.

**Figure 3: Monthly Refinery Production**



**Table 3: Refinery Production (TMT)**

Oil Company	Target	October (Month)				April-October (Cumulative)			
	2017-18 (Apr-Mar)	2017-18		2016-17	% over last year	2017-18		2016-17	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
<b>CPSE</b>	<b>140322</b>	<b>12614.07</b>	<b>12618.53</b>	<b>11845.72</b>	<b>106.52</b>	<b>79237.62</b>	<b>82788.46</b>	<b>79214.09</b>	104.51
IOCL	66290	6180.28	6115.29	5542.75	110.33	37490.10	39732.30	37275.92	106.59
BPCL	27000	2300.00	2195.95	2220.13	98.91	15000.00	15421.57	14797.71	104.22
HPCL	18000	1554.27	1590.90	1523.75	104.41	10489.23	10719.29	10040.96	106.76
CPCL	10300	897.47	964.21	985.80	97.81	5713.15	6196.54	6558.35	94.48
NRL	2670	226.65	241.37	197.12	122.45	1565.19	1651.01	1440.68	114.60
MRPL	16000	1450.00	1503.67	1368.89	109.85	8945.00	9022.04	9051.42	99.68
ONGC	62	5.40	7.13	7.28	98.05	34.95	45.71	49.05	93.19
<b>JVs</b>	<b>15201</b>	<b>1468.00</b>	<b>1611.29</b>	<b>1426.62</b>	<b>112.94</b>	<b>7982.00</b>	<b>8096.78</b>	<b>10201.67</b>	<b>79.37</b>
BORL	6000	525.00	585.26	610.13	95.92	3375.00	4210.82	3883.41	108.43
HMEL	9201	943.00	1026.03	816.49	125.66	4607.00	3885.96	6318.26	61.50
<b>Private</b>	<b>90480</b>	<b>7696.34</b>	<b>7878.17</b>	<b>7757.53</b>	<b>101.56</b>	<b>52670.45</b>	<b>53719.77</b>	<b>53116.63</b>	<b>101.14</b>
RIL	70174	5980.36	6174.34	5980.36	103.24	40829.87	41653.64	40829.87	102.02
EOL	20306	1715.98	1703.83	1777.17	95.87	11840.58	12066.14	12286.76	98.20
<b>TOTAL</b>	<b>246002</b>	<b>21778.41</b>	<b>22107.99</b>	<b>21029.86</b>	<b>105.13</b>	<b>139890.07</b>	<b>144605.01</b>	<b>142532.38</b>	<b>101.45</b>

Note: Totals may not tally due to rounding off.

\*: Provisional

3.1 CPSE Refineries' production during October, 2017 was 12618.53 TMT which is only 0.04% higher than the target for the month and 6.52% higher than the production achieved in the corresponding month of last year. Cumulative production by CPSE refineries during April-October, 2017 was 82788.46 TMT which is 4.48% higher than the target for the period and 4.51% higher than the production during corresponding period of last year. Reasons for shortfall of refinery production in some CPSE refineries are as under:

- IOCL, Barauni: Throughput is lower than plan due to restricted crude processing due to HSD upliftment.

- IOCL, Paradip: Throughput is lower due to steam air de-coking shutdown in the chain of delayed Coker Unit.
  - CPCL CBR: Throughput lower due to product upliftment constraints
- 3.2 Production in JV refineries during October, 2017 was 1611.29 TMT which is 9.76% higher than the target for the month and 12.94% higher than the production achieved in the corresponding month of last year. Cumulative production by JVs refineries during April-October, 2017 was 8096.78 TMT which is 1.44% higher than the target for the period but 20.63% lower than the production during corresponding period of last year.
- 3.3 Production in private refineries during October, 2017 was 7878.17 TMT which is 2.36% higher than the target for the month and 1.56% higher when compared with October, 2016. Cumulative production by private refineries during April-October, 2017 was 53719.77 TMT which is 1.99% higher than the target for the period and 1.14% higher than the production during corresponding period of last year.
- 3.4 Refinery-wise details of the capacity utilization and production of petroleum products during the month of October, 2017 and cumulatively for the period April-October, 2017 vis-à-vis April-October, 2016 are given at **Annexures - IV and V** respectively.

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MINISTRY OF PETROLEUM & NATURAL GAS

Annexure-I

Crude Oil Production during the month of October, 2017 and cumulatively for the period April-October, 2017 vis-à-vis April-October, 2016

(Para 1)

(Qty: '000' Tonnes)

Name of Undertaking/Unit/State	Planned production during the month	Production during the			Cumulative Production			% variation over last year		% variation during the month under review over planned production
		Month under review *	Corresponding month of last year **	Preceding month of current year **	(April-October)			During the month under review	Upto the end of the period	
					Planned production during current year	Actual production during current year *	Actual production during corresponding period of last year **			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
<b>1. ONGC</b>	<b>1965.857</b>	<b>1889.673</b>	<b>1872.317</b>	<b>1844.253</b>	<b>13432.034</b>	<b>13191.663</b>	<b>12901.216</b>	<b>0.93</b>	<b>2.25</b>	<b>-3.88</b>
<b>Onshore</b>	<b>520.793</b>	<b>509.580</b>	<b>502.451</b>	<b>494.959</b>	<b>3543.273</b>	<b>3526.647</b>	<b>3444.636</b>	<b>1.42</b>	<b>2.38</b>	<b>-2.15</b>
Andhra Pradesh	28.683	27.742	24.823	27.653	183.814	194.951	155.566	11.76	25.32	-3.28
Assam ^	85.966	80.421	82.955	80.048	589.053	572.935	552.178	-3.05	3.76	-6.45
Gujarat	384.615	378.943	375.713	365.178	2625.205	2603.429	2602.778	0.86	0.03	-1.47
Tamil Nadu	21.530	22.474	18.960	22.080	145.201	155.332	134.114	18.53	15.82	4.38
<b>Offshore</b>	<b>1445.063</b>	<b>1380.093</b>	<b>1369.866</b>	<b>1349.294</b>	<b>9888.761</b>	<b>9665.016</b>	<b>9456.580</b>	<b>0.75</b>	<b>2.20</b>	<b>-4.50</b>
Eastern Offshore	6.218	0.754	1.337	0.602	45.222	5.054	9.011	-43.61	-43.91	-87.87
Western Offshore	1304.176	1247.687	1251.968	1223.007	8907.056	8813.194	8660.763	-0.34	1.76	-4.33
Condensates	134.669	131.652	116.561	125.685	936.483	846.768	786.806	12.95	7.62	-2.24
<b>2. OIL (Onshore)</b>	<b>317.026</b>	<b>286.896</b>	<b>275.619</b>	<b>276.794</b>	<b>2189.026</b>	<b>1980.497</b>	<b>1880.403</b>	<b>4.09</b>	<b>5.32</b>	<b>-9.50</b>
Assam	316.469	286.148	274.980	276.125	2185.004	1975.511	1875.861	4.06	5.31	-9.58
Arunachal Pradesh	0.557	0.639	0.639	0.621	4.022	4.413	4.542	0.00	-2.84	14.72
Rajasthan (Heavy Oil)	-	0.109	0.000	0.048	-	0.573	0.000	-	-	-
<b>3. DGH (Private / JVC)</b>	<b>903.022</b>	<b>861.680</b>	<b>902.940</b>	<b>799.094</b>	<b>6232.490</b>	<b>5890.831</b>	<b>6332.896</b>	<b>-4.57</b>	<b>-6.98</b>	<b>-4.58</b>
<b>Onshore</b>	<b>749.612</b>	<b>700.332</b>	<b>728.121</b>	<b>640.379</b>	<b>5173.454</b>	<b>4757.569</b>	<b>5052.755</b>	<b>-3.82</b>	<b>-5.84</b>	<b>-6.57</b>
Arunachal Pradesh	4.419	3.682	4.414	3.509	30.508	25.988	28.098	-16.58	-7.51	-16.69
Assam	0.856	0.132	0.000	0.320	5.908	0.491	0.000	-	-	-84.58
Gujarat	16.952	11.965	11.583	11.611	115.710	79.171	80.993	3.30	-2.25	-29.42
Rajasthan	716.706	677.343	706.760	617.903	4947.609	4602.335	4924.309	-4.16	-6.54	-5.49
Tamil Nadu	10.679	7.210	5.364	7.036	73.719	49.584	19.355	34.41	156.18	-32.48
<b>Offshore</b>	<b>153.410</b>	<b>161.348</b>	<b>174.819</b>	<b>158.715</b>	<b>1059.036</b>	<b>1133.262</b>	<b>1280.141</b>	<b>-7.71</b>	<b>-11.47</b>	<b>5.17</b>
Eastern Offshore	67.522	70.069	81.291	68.850	466.136	501.435	570.338	-13.80	-12.08	3.77
Gujarat Offshore	25.709	32.805	31.813	31.210	177.475	222.666	230.015	3.12	-3.20	27.60
Western Offshore	60.178	58.474	61.715	58.655	415.425	409.161	479.788	-5.25	-14.72	-2.83
<b>GRAND TOTAL (1+2+3)</b>	<b>3185.904</b>	<b>3038.249</b>	<b>3050.876</b>	<b>2920.141</b>	<b>21853.550</b>	<b>21062.991</b>	<b>21114.515</b>	<b>-0.41</b>	<b>-0.24</b>	<b>-4.63</b>
Onshore	1587.431	1496.808	1506.191	1412.132	10905.753	4543.706	10377.794	-0.62	-56.22	-5.71
Offshore	1598.473	1541.441	1544.685	1508.009	10947.797	4614.199	10736.721	-0.21	-57.02	-3.57

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

^: Includes crude oil production of Tripura

\*: Provisional. \*\*: Revised

Reasons for shortfall are indicated in the note.

MINISTRY OF PETROLEUM & NATURAL GAS

Annexure-II

Natural Gas Production during the month of October, 2017 and cumulatively for the period April-October, 2017 vis-à-vis April-October, 2016

(Para 2)

(Qty: Million Cubic Meters)

Name of Undertaking/Unit/State	Planned production during the month	Production during the			Cumulative Production (April-October)			% variation over last year		% variation during the month under review over planned production
		Month under review *	Corresponding month of last year **	Preceding month of current year **	Planned 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)
<b>1. ONGC</b>	<b>2008.691</b>	<b>2017.972</b>	<b>1943.040</b>	<b>1937.621</b>	<b>13868.986</b>	<b>13693.212</b>	<b>12626.577</b>	<b>3.86</b>	<b>8.45</b>	<b>0.46</b>
<b>Onshore</b>	<b>455.827</b>	<b>486.019</b>	<b>455.002</b>	<b>452.607</b>	<b>3185.356</b>	<b>3286.547</b>	<b>2925.824</b>	<b>6.82</b>	<b>12.33</b>	<b>6.62</b>
Andhra Pradesh	80.984	81.078	76.442	77.883	554.772	529.001	483.400	6.06	9.43	0.12
Assam	37.696	44.721	35.634	42.828	256.932	299.947	253.735	25.50	18.21	18.64
Gujarat	115.978	131.446	131.882	127.270	815.766	930.617	821.116	-0.33	13.34	13.34
Rajasthan	0.425	0.102	0.477	0.622	2.931	2.348	2.096	-78.62	12.02	-76.00
Tamil Nadu	94.605	102.234	85.723	99.751	673.870	694.077	548.857	19.26	26.46	8.06
Tripura	126.138	126.438	124.844	104.253	881.085	830.557	816.620	1.28	1.71	0.24
<b>Offshore</b>	<b>1552.864</b>	<b>1531.953</b>	<b>1488.038</b>	<b>1485.014</b>	<b>10683.630</b>	<b>10406.665</b>	<b>9700.753</b>	<b>2.95</b>	<b>7.28</b>	<b>-1.35</b>
Eastern Offshore	77.049	46.984	54.760	44.587	459.174	339.858	195.903	-14.20	73.48	-39.02
Western Offshore	1475.815	1484.969	1433.278	1440.427	10224.456	10066.807	9504.850	3.61	5.91	0.62
<b>2. OIL</b>	<b>252.208</b>	<b>243.249</b>	<b>245.779</b>	<b>246.046</b>	<b>1756.056</b>	<b>1724.513</b>	<b>1720.151</b>	<b>-1.03</b>	<b>0.25</b>	<b>-3.55</b>
Assam	228.923	222.498	225.961	227.849	1602.566	1597.905	1574.961	-1.53	1.46	-2.81
Arunachal Pradesh	1.085	0.969	1.014	0.930	7.490	6.852	6.961	-4.44	-1.57	-10.69
Rajasthan	22.200	19.782	18.804	17.267	146.000	119.756	138.229	5.20	-13.36	-10.89
<b>3. DGH (Private / JVC)</b>	<b>673.369</b>	<b>547.603</b>	<b>566.322</b>	<b>539.568</b>	<b>4636.925</b>	<b>3804.002</b>	<b>4131.944</b>	<b>-3.31</b>	<b>-7.94</b>	<b>-18.68</b>
<b>Onshore</b>	<b>122.562</b>	<b>119.407</b>	<b>93.686</b>	<b>114.088</b>	<b>860.682</b>	<b>787.798</b>	<b>710.294</b>	<b>27.45</b>	<b>10.91</b>	<b>-2.57</b>
Arunachal Pradesh	19.364	1.224	1.363	1.192	133.677	9.049	8.425	-10.20	7.41	-93.68
Assam	0.757	3.895	0.000	6.095	5.006	10.597	0.000	-	-	414.53
Gujarat	3.927	6.530	7.557	6.236	41.938	46.477	54.039	-13.59	-13.99	66.29
Rajasthan	97.149	106.561	84.078	99.402	670.641	714.000	645.735	26.74	10.57	9.69
Tamil Nadu	1.365	1.197	0.688	1.163	9.420	7.675	2.095	73.98	266.35	-12.28
<b>CBM</b>	<b>115.418</b>	<b>68.026</b>	<b>50.761</b>	<b>63.576</b>	<b>766.811</b>	<b>401.440</b>	<b>317.225</b>	<b>34.01</b>	<b>26.55</b>	<b>-41.06</b>
Jharkhand (CBM)	0.305	0.363	0.309	0.342	2.105	2.449	1.716	17.48	42.72	19.02
Madhya Pradesh (CBM)	39.918	20.359	0.415	17.424	275.562	75.039	2.751	4805.78	2627.70	-49.00
West Bengal (CBM)	75.195	47.304	50.037	45.810	489.144	323.952	312.758	-5.46	3.58	-37.09
<b>Offshore</b>	<b>435.389</b>	<b>360.170</b>	<b>421.875</b>	<b>361.904</b>	<b>3009.433</b>	<b>2614.764</b>	<b>3104.425</b>	<b>-14.63</b>	<b>-15.77</b>	<b>-17.28</b>
Eastern Offshore	278.275	187.716	259.642	187.859	1920.995	1442.677	1940.593	-27.70	-25.66	-32.54
Gujarat Offshore	3.200	9.920	7.260	8.806	25.937	59.181	48.235	36.64	22.69	209.97
Western Offshore	153.914	162.534	154.973	165.239	1062.501	1112.906	1115.597	4.88	-0.24	5.60
<b>TOTAL (1+2+3)</b>	<b>2934.268</b>	<b>2808.824</b>	<b>2755.141</b>	<b>2723.235</b>	<b>20261.967</b>	<b>19221.727</b>	<b>18478.672</b>	<b>1.95</b>	<b>4.02</b>	<b>-4.28</b>
CBM	115.418	68.026	50.761	63.576	766.811	401.440	317.225	34.01	26.55	-41.06
Onshore	830.597	848.675	794.467	812.741	5802.094	5798.858	5356.269	6.82	8.26	2.18
Offshore	1988.253	1892.123	1909.913	1846.918	13693.063	13021.429	12805.178	-0.93	1.69	-4.83

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

\*: Provisional.

\*\* : Revised

CBM: Coal Bed Methane production.

Reasons for shortfall are indicated in the note.



**MINISTRY OF PETROLEUM & NATURAL GAS**

**Annexure-III**

**Refinery Production (in terms of crude oil processed) during the month of October, 2017 and cumulatively for the period April-October, 2017 vis-à-vis April-October, 2016**

**(Para 3)**

(Qty: '000' Tonnes)

Name of Undertaking/Unit	Planned production during the month	Production during the			Cumulative Production			% variation over last year		% variation during the month under review over planned production
		Month under review *	Corresponding month of last year	Preceding month of current year **	(April-October)			During the month under	Upto the end of the period	
					Planned production during current year	Actual production during current year *	Actual production during corresponding period of last year **			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
<b>A. Public Sector</b>	<b>12614.070</b>	<b>12618.529</b>	<b>11845.719</b>	<b>11290.853</b>	<b>79237.624</b>	<b>82788.460</b>	<b>79214.087</b>	<b>6.52</b>	<b>4.51</b>	<b>0.04</b>
1. IOC, Guwahati	72.192	95.297	72.224	84.663	498.356	590.983	508.391	31.95	16.25	32.01
2. IOC, Barauni	554.697	518.850	481.318	433.816	3048.091	3016.713	3824.313	7.80	-21.12	-6.46
3. IOC, Gujarat	1203.041	1232.886	1134.242	1137.691	7530.783	7574.553	8409.403	8.70	-9.93	2.48
4. IOC, Haldia	665.000	689.955	678.899	665.752	4638.632	4755.872	4720.859	1.63	0.74	3.75
5. IOC, Mathura	805.001	839.393	804.470	303.816	4784.993	5116.351	5417.032	4.34	-5.55	4.27
6. IOC, Digboi	43.000	56.434	50.998	55.977	293.000	390.703	301.816	10.66	29.45	31.24
7. IOC, Panipat	1348.100	1412.008	1301.799	1333.635	8656.215	8899.700	9042.837	8.47	-1.58	4.74
8. IOC, Bongaigaon	202.104	198.505	211.973	193.221	1310.734	1376.027	1447.875	-6.35	-4.96	-1.78
9. IOC, Paradip	1287.145	1071.962	806.829	1216.717	6729.294	8011.399	3603.392	32.86	122.33	-16.72
<b>Total IOC</b>	<b>6180.278</b>	<b>6115.290</b>	<b>5542.752</b>	<b>5425.288</b>	<b>37490.098</b>	<b>39732.301</b>	<b>37275.918</b>	<b>10.33</b>	<b>6.59</b>	<b>-1.05</b>
10. BPCL, Mumbai	1050.000	995.898	1244.669	1163.644	7360.000	7685.704	8312.750	-19.99	-7.54	-5.15
11. BPCL, Kochi	1250.000	1200.055	975.462	1195.607	7640.000	7735.864	6484.958	23.02	19.29	-4.00
<b>Total BPCL</b>	<b>2300.000</b>	<b>2195.953</b>	<b>2220.131</b>	<b>2359.251</b>	<b>15000.000</b>	<b>15421.568</b>	<b>14797.708</b>	<b>-1.09</b>	<b>4.22</b>	<b>-4.52</b>
12. HPCL, Mumbai	722.767	731.322	720.124	649.992	4989.424	4994.039	4839.194	1.56	3.20	1.18
13. HPCL, Visakh	831.505	859.574	803.629	821.418	5499.805	5725.250	5201.771	6.96	10.06	3.38
<b>Total HPCL</b>	<b>1554.272</b>	<b>1590.896</b>	<b>1523.753</b>	<b>1471.410</b>	<b>10489.229</b>	<b>10719.289</b>	<b>10040.965</b>	<b>4.41</b>	<b>6.76</b>	<b>2.36</b>
14. CPCL, Manali	855.000	921.072	939.417	691.123	5420.000	5917.269	6236.474	-1.95	-5.12	7.73
15. CPCL, CBR	42.466	43.140	46.384	33.384	293.151	279.269	321.873	-6.99	-13.24	1.59
<b>Total CPCL</b>	<b>897.466</b>	<b>964.212</b>	<b>985.801</b>	<b>724.507</b>	<b>5713.151</b>	<b>6196.538</b>	<b>6558.347</b>	<b>-2.19</b>	<b>-5.52</b>	<b>7.44</b>
16. NRL, Numaligarh	226.652	241.372	197.121	232.881	1565.194	1651.011	1440.676	22.45	14.60	6.49
17. MRPL, Mangalore	1450.000	1503.672	1368.885	1070.075	8945.000	9022.040	9051.423	9.85	-0.32	3.70
18. ONGC, Tatipaka	5.402	7.134	7.276	7.441	34.953	45.712	49.051	-1.95	-6.81	32.08
<b>B. Joint Venture</b>	<b>1468.000</b>	<b>1611.287</b>	<b>1426.618</b>	<b>1620.797</b>	<b>7982.000</b>	<b>8096.781</b>	<b>10201.670</b>	<b>12.94</b>	<b>-20.63</b>	<b>9.76</b>
19. BORL, Bina	525.000	585.257	610.126	620.731	3375.000	4210.818	3883.413	-4.08	8.43	11.48
20. HMEL, GGSR, Bhatinda	943.000	1026.030	816.492	1000.066	4607.000	3885.963	6318.257	25.66	-38.50	8.80
<b>C. Private Sector</b>	<b>7696.336</b>	<b>7878.171</b>	<b>7757.526</b>	<b>7676.342</b>	<b>52670.449</b>	<b>53719.774</b>	<b>53116.627</b>	<b>1.56</b>	<b>1.14</b>	<b>2.36</b>
21. RIL, Jamnagar	2756.656	2891.654	2756.656	2796.951	19321.918	19315.090	19321.918	4.90	-0.04	4.90
22. RIL, SEZ	3223.700	3282.689	3223.700	3193.118	21507.951	22338.547	21507.951	1.83	3.86	1.83
<b>Total RIL</b>	<b>5980.356</b>	<b>6174.343</b>	<b>5980.356</b>	<b>5990.069</b>	<b>40829.869</b>	<b>41653.637</b>	<b>40829.869</b>	<b>3.24</b>	<b>2.02</b>	<b>3.24</b>
23. EOL, Vadinar	1715.980	1703.828	1777.170	1686.273	11840.580	12066.137	12286.758	-4.13	-1.80	-0.71
<b>TOTAL(A+B+C)</b>	<b>21778.406</b>	<b>22107.987</b>	<b>21029.863</b>	<b>20587.992</b>	<b>139890.073</b>	<b>144605.014</b>	<b>142532.384</b>	<b>5.13</b>	<b>1.45</b>	<b>1.51</b>

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

\*: Provisional. \*\*: Revised

2. Target for the year 2017-18 (Month-wise) reconciled.

MINISTRY OF PETROLEUM & NATURAL GAS

Annexure-IV

Refinery-wise Capacity Utilisation during the month of October, 2017 and cumulatively for the period April-October, 2017 vis-à-vis April-October, 2016

(Para 3.4)

(Qty: '000' Tonnes)

Name of Undertaking/Unit	October, 2017			October, 2016			Cumulative (April - October)					
	Prorated Installed Capacity	Actual Crude T'put *	% Utilisation of Installed Capacity	Prorated Installed Capacity	Actual Crude T'put	% Utilisation of Installed Capacity	2017-18			2016-17		
							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)
<b>A. Public Sector</b>	<b>11805.00</b>	<b>12618.53</b>	<b>106.89</b>	<b>11440.00</b>	<b>11845.72</b>	<b>103.55</b>	<b>81494.00</b>	<b>82788.46</b>	<b>101.59</b>	<b>79189.00</b>	<b>79214.09</b>	<b>100.03</b>
1. IOC, Guwahati	85.00	95.30	112.11	85.00	72.22	84.97	586.00	590.98	100.85	586.00	508.39	86.76
2. IOC, Barauni	510.00	518.85	101.74	508.00	481.32	94.75	3518.00	3016.71	85.75	3518.00	3824.31	108.71
3. IOC, Gujarat	1164.00	1232.89	105.92	1160.00	1134.24	97.78	8032.00	7574.55	94.30	8032.00	8409.40	104.70
4. IOC, Haldia	637.00	689.96	108.31	635.00	678.90	106.91	4397.00	4755.87	108.16	4397.00	4720.86	107.37
5. IOC, Mathura	679.00	839.39	123.62	678.00	804.47	118.65	4690.00	5116.35	109.09	4690.00	5417.03	115.50
6. IOC, Digboi	55.00	56.43	102.61	55.00	51.00	92.72	381.00	390.70	102.55	381.00	301.82	79.22
7. IOC, Panipat	1274.00	1412.01	110.83	1270.00	1301.80	102.50	8795.00	8899.70	101.19	8795.00	9042.84	102.82
8. IOC, Bongaigaon	200.00	198.51	99.25	199.00	211.97	106.52	1378.00	1376.03	99.86	1378.00	1447.88	105.07
9. IOC, Paradip	1274.00	1071.96	84.14	1270.00	806.83	0.00	8795.00	8011.40	91.09	8795.00	3603.39	0.00
<b>Total IOC</b>	<b>5877.00</b>	<b>6115.29</b>	<b>104.05</b>	<b>5861.00</b>	<b>5542.75</b>	<b>94.57</b>	<b>40572.00</b>	<b>39732.30</b>	<b>97.93</b>	<b>40572.00</b>	<b>37275.92</b>	<b>91.88</b>
10. BPCL, Mumbai	1019.00	995.90	97.73	1016.00	1244.67	122.51	7036.00	7685.70	109.23	7036.00	8312.75	118.15
11. BPCL, Kochi	1053.00	1200.06	113.97	805.00	975.46	121.18	7270.00	7735.86	106.41	5570.00	6484.96	116.43
<b>Total BPCL</b>	<b>2072.00</b>	<b>2195.95</b>	<b>105.98</b>	<b>1821.00</b>	<b>2220.13</b>	<b>121.92</b>	<b>14306.00</b>	<b>15421.57</b>	<b>107.80</b>	<b>12605.00</b>	<b>14797.71</b>	<b>117.40</b>
12. HPCL, Mumbai	637.00	731.32	114.81	551.00	720.12	130.69	4397.00	4994.04	113.58	3811.00	4839.19	126.98
13. HPCL, Visakh	707.00	859.57	121.58	703.00	803.63	114.31	4884.00	5725.25	117.22	4866.00	5201.77	106.90
<b>Total HPCL</b>	<b>1344.00</b>	<b>1590.90</b>	<b>118.37</b>	<b>1254.00</b>	<b>1523.75</b>	<b>121.51</b>	<b>9281.00</b>	<b>10719.29</b>	<b>115.50</b>	<b>8677.00</b>	<b>10040.96</b>	<b>115.72</b>
14. CPCL, Manali	892.00	921.07	103.26	889.00	939.42	105.67	6156.00	5917.27	96.12	6156.00	6236.47	101.31
15. CPCL, CBR	85.00	43.14	50.75	85.00	46.38	54.57	586.00	279.27	47.66	586.00	321.87	54.93
<b>Total CPCL</b>	<b>977.00</b>	<b>964.21</b>	<b>98.69</b>	<b>974.00</b>	<b>985.80</b>	<b>101.21</b>	<b>6742.00</b>	<b>6196.54</b>	<b>91.91</b>	<b>6742.00</b>	<b>6558.35</b>	<b>97.28</b>
16. NRL, Numaligarh	255.00	241.37	94.66	254.00	197.12	77.61	1759.00	1651.01	93.86	1759.00	1440.68	81.90
17. MRPL, Mangalore	1274.00	1503.67	118.03	1270.00	1368.89	107.79	8795.00	9022.04	102.58	8795.00	9051.42	102.92
18. ONGC, Tatipaka	6.00	7.13	118.91	6.00	7.28	121.27	39.00	45.71	117.21	39.00	49.05	125.77
<b>B. Joint Venture</b>	<b>1274.00</b>	<b>1611.29</b>	<b>126.47</b>	<b>1270.00</b>	<b>1426.62</b>	<b>112.33</b>	<b>8795.00</b>	<b>8096.78</b>	<b>92.06</b>	<b>8795.00</b>	<b>10201.67</b>	<b>115.99</b>
19. BORL, Bina	510.00	585.26	114.76	508.00	610.13	120.10	3518.00	4210.82	119.69	3518.00	3883.41	110.39
20. HMEL, GGSR, Bhatinda	764.00	1026.03	134.30	762.00	816.49	107.15	5277.00	3885.96	73.64	5277.00	6318.26	119.73
<b>C. Private Sector</b>	<b>6795.00</b>	<b>7878.17</b>	<b>115.94</b>	<b>6776.00</b>	<b>7757.53</b>	<b>114.49</b>	<b>46904.00</b>	<b>53719.77</b>	<b>114.53</b>	<b>46904.00</b>	<b>53116.63</b>	<b>113.25</b>
21. RIL, Jamnagar	2803.00	2891.65	103.16	2795.00	2756.66	98.63	19348.00	19315.09	99.83	19348.00	19321.92	99.87
22. RIL, SEZ	2293.00	3282.69	143.16	2287.00	3223.70	140.96	15830.00	22338.55	141.12	15830.00	21507.95	135.87
<b>Total RIL</b>	<b>5096.00</b>	<b>6174.34</b>	<b>121.16</b>	<b>5082.00</b>	<b>5980.36</b>	<b>117.68</b>	<b>35178.00</b>	<b>41653.64</b>	<b>118.41</b>	<b>35178.00</b>	<b>40829.87</b>	<b>116.07</b>
23. EOL, Vadinar	1699.00	1703.83	100.28	1694.00	1777.17	104.91	11726.00	12066.14	102.90	11726.00	12286.76	104.78
<b>TOTAL(A+B+C)</b>	<b>19874.00</b>	<b>22107.99</b>	<b>111.24</b>	<b>19486.00</b>	<b>21029.86</b>	<b>107.92</b>	<b>137192.00</b>	<b>144605.01</b>	<b>105.40</b>	<b>134888.00</b>	<b>142532.38</b>	<b>105.67</b>

\*: Provisional. \*\*:Revised

MINISTRY OF PETROLEUM & NATURAL GAS

Production of Petroleum Products during the month of October, 2017 and cumulatively for the period April-October, 2017 vis-à-vis April-October, 2016

Annexure-V

(Para 3.4)

(Qty: '000' Tonnes)

Name of Undertaking/Unit	Planned production during the month	Production during the			Cumulative Production			% variation over last year		% variation during the month under review over planned production
		Month under review *	Corresponding month of last year	Preceding month of current year **	(April-October)			During the month under review	Upto the end of the period	
					Planned production during current year	Actual production during current year*	Actual production during corresponding period of last year**			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
<b>I. Refinery</b>										
<b>A. Public Sector</b>	<b>11864.275</b>	<b>12018.724</b>	<b>11281.290</b>	<b>10738.906</b>	<b>73943.872</b>	<b>78296.643</b>	<b>74130.083</b>	<b>6.54</b>	<b>5.62</b>	<b>1.30</b>
1. IOC, Guwahati	76.884	105.625	94.517	89.815	530.968	653.063	662.963	11.75	-1.49	37.38
2. IOC, Barauni	521.136	506.367	452.822	427.760	2754.864	2828.577	3471.945	11.82	-18.53	-2.83
3. IOC, Gujarat	1141.807	1188.050	1046.491	1099.460	7130.040	7296.783	7810.472	13.53	-6.58	4.05
4. IOC, Haldia	632.492	670.696	638.056	634.596	4356.280	4463.238	4285.096	5.12	4.16	6.04
5. IOC, Mathura	780.423	840.794	759.389	308.843	4630.266	5121.451	5236.447	10.72	-2.20	7.74
6. IOC, Digboi	44.083	57.728	51.318	58.041	293.622	387.069	308.407	12.49	25.51	30.95
7. IOC, Panipat	1378.720	1459.076	1386.464	1390.901	8638.224	8830.342	9015.479	5.24	-2.05	5.83
8. IOC, Bongaigaon	200.639	192.699	208.178	182.849	1201.002	1220.691	1285.644	-7.44	-5.05	-3.96
9. IOC, Paradip	1149.004	976.271	675.211	1069.971	5831.794	7179.686	2962.457	44.59	142.36	-15.03
<b>Total IOC</b>	<b>5925.188</b>	<b>5997.306</b>	<b>5312.446</b>	<b>5262.236</b>	<b>35367.060</b>	<b>37980.900</b>	<b>35038.910</b>	<b>12.89</b>	<b>8.40</b>	<b>1.22</b>
10. BPCL, Mumbai	1005.782	971.164	1196.566	1115.235	7034.110	7441.480	7995.331	-18.84	-6.93	-3.44
11. BPCL, Kochi	1144.741	1067.658	930.580	1131.776	7127.181	7361.996	6132.276	14.73	20.05	-6.73
<b>Total BPCL</b>	<b>2150.523</b>	<b>2038.822</b>	<b>2127.146</b>	<b>2247.011</b>	<b>14161.292</b>	<b>14803.476</b>	<b>14127.607</b>	<b>-4.15</b>	<b>4.78</b>	<b>-5.19</b>
12. HPCL, Mumbai	666.967	656.665	684.214	622.823	4604.231	4666.271	4486.054	-4.03	4.02	-1.54
13. HPCL, Visakh	766.206	801.620	715.598	749.040	5048.851	5314.922	4732.566	12.02	12.31	4.62
<b>Total HPCL</b>	<b>1433.172</b>	<b>1458.285</b>	<b>1399.812</b>	<b>1371.863</b>	<b>9653.082</b>	<b>9981.193</b>	<b>9218.620</b>	<b>4.18</b>	<b>8.27</b>	<b>1.75</b>
14. CPCL, Manali	772.149	826.018	890.677	646.558	4894.008	5375.207	5755.241	-7.26	-6.60	6.98
15. CPCL, CBR	42.672	43.355	46.205	33.650	294.572	281.417	322.866	-6.17	-12.84	1.60
<b>Total CPCL</b>	<b>814.821</b>	<b>869.373</b>	<b>936.882</b>	<b>680.208</b>	<b>5188.579</b>	<b>5656.624</b>	<b>6078.107</b>	<b>-7.21</b>	<b>-6.93</b>	<b>6.69</b>
16. NRL, Numaligarh	226.283	232.239	202.118	239.930	1562.557	1675.281	1421.118	14.90	17.88	2.63
17. MRPL, Mangalore	1309.017	1416.018	1295.939	930.663	7977.203	8155.786	8198.675	9.27	-0.52	8.17
18. ONGC, Tatipaka	5.270	6.681	6.947	6.995	34.100	43.383	47.046	-3.83	-7.79	26.78
<b>B. Joint Venture</b>	<b>1372.050</b>	<b>1530.441</b>	<b>1381.794</b>	<b>1480.017</b>	<b>7401.700</b>	<b>7522.372</b>	<b>9470.177</b>	<b>10.76</b>	<b>-20.57</b>	<b>11.54</b>
19. BOREL, Bina	474.450	530.084	571.265	569.505	3042.200	3871.698	3520.488	-7.21	9.98	11.73
20. HMEL, GGSR, Bhatinda	897.600	1000.357	810.529	910.512	4359.500	3650.674	5949.689	23.42	-38.64	11.45
<b>C. Private Sector</b>	<b>7991.299</b>	<b>8414.269</b>	<b>8004.918</b>	<b>8179.103</b>	<b>54733.531</b>	<b>56597.317</b>	<b>55143.545</b>	<b>5.11</b>	<b>2.64</b>	<b>5.29</b>
21. RIL, Jamnagar	2861.640	2909.511	2861.640	2876.288	19556.527	19314.890	19556.527	1.67	-1.24	1.67
22. RIL, SEZ	3476.326	3829.709	3476.326	3692.056	23789.671	25686.227	23789.671	10.17	7.97	10.17
<b>Total RIL</b>	<b>6337.966</b>	<b>6739.220</b>	<b>6337.966</b>	<b>6568.344</b>	<b>43346.198</b>	<b>45001.117</b>	<b>43346.198</b>	<b>6.33</b>	<b>3.82</b>	<b>6.33</b>
23. EOL, Vadinar	1653.333	1675.049	1666.952	1610.759	11387.333	11596.200	11797.347	0.49	-1.71	1.31
<b>TOTAL(A+B+C)</b>	<b>21227.624</b>	<b>21963.434</b>	<b>20668.002</b>	<b>20398.026</b>	<b>136079.103</b>	<b>142416.332</b>	<b>138743.805</b>	<b>6.27</b>	<b>2.65</b>	<b>3.47</b>
<b>II. Fractionators</b>					0.000					
ONGC	278.264	280.615	254.152	267.774	1898.269	1879.225	1766.021	10.41	6.41	0.84
OIL	3.100	3.446	3.046	2.968	16.400	18.127	19.518	13.13	-7.13	11.16
GAIL	85.879	117.562	100.697	111.047	611.602	743.639	636.829	16.75	16.77	36.89
<b>D. Total Fractionators</b>	<b>367.243</b>	<b>401.623</b>	<b>357.895</b>	<b>381.789</b>	<b>2526.271</b>	<b>2640.991</b>	<b>2422.368</b>	<b>12.22</b>	<b>9.03</b>	<b>9.36</b>
<b>Grand Total (A+B+C+D)</b>	<b>21594.867</b>	<b>22365.057</b>	<b>21025.898</b>	<b>20779.815</b>	<b>138605.374</b>	<b>145057.323</b>	<b>141166.173</b>	<b>6.37</b>	<b>2.76</b>	<b>3.57</b>

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

\*: Provisional. \*\*: Revised

2. Target for the year 2017-18 (Month-wise) reconciled.