

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

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New Delhi  
Dated the 22<sup>nd</sup> October, 2019

**Monthly Production Report**  
**September, 2019**

**Crude Oil**

1. **Crude oil production<sup>1</sup>** during September, 2019 was 2646.51 TMT which is 7.09% lower than target and 5.41% lower when compared with September 2018. Cumulative crude oil production during April-September, 2019 was 16372.02 TMT which is 4.52% and 5.96% 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, 2019 and cumulatively for the period April-September, 2019 vis-à-vis same period of last year has been shown in Table-1 and month-wise in Figure-1.

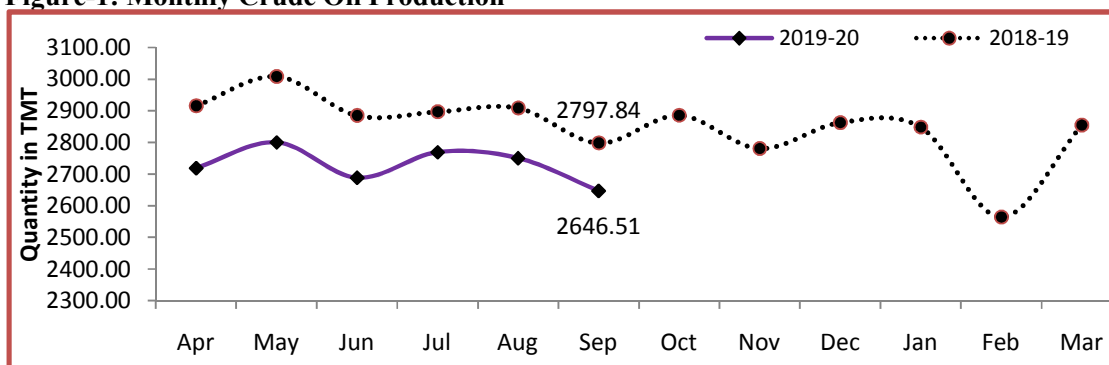
**Table-1: Crude Oil Production (in TMT)**

Oil Company	Target	September (Month)				April-September (Cumulative)			
	2019-20 (Apr-Mar)	2019-20		2018-19	% over last year	2019-20		2018-19	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
ONGC	22153.90	1763.81	1667.55	1711.27	97.45	10523.89	10252.18	10676.10	96.03
OIL	3424.90	279.47	259.48	274.28	94.60	1695.14	1614.26	1685.69	95.76
PSC Fields	9463.34	805.05	719.48	812.30	88.57	4927.87	4505.58	5047.61	89.26
<b>Total</b>	<b>35042.15</b>	<b>2848.34</b>	<b>2646.51</b>	<b>2797.84</b>	<b>94.59</b>	<b>17146.90</b>	<b>16372.02</b>	<b>17409.39</b>	<b>94.04</b>

Note: Totals may not tally due to rounding off.

\*: Provisional

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



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

<sup>1</sup>Including condensate

**1.1** Crude oil production by **ONGC** during September, 2019 was 1667.55 TMT which is 5.46% lower than the target and 2.55% lower when compared with September, 2018. Cumulative crude oil production by ONGC during April-September, 2019 was 10252.18 TMT which is 2.58% and 3.97% lower than target for the period and production during corresponding period of last year respectively. Reasons for shortfall in production are as under:

- ESP issues in wells of NBP field and Ratna R-series.
- Two wells put back on production through rig intervention. Rig deployed at NBP-A well platform and rig mobilization planned for remaining wells post monsoon.
- Increase in water cut in certain wells of Mumbai High, Heera, Neelam & B173A fields
- Sub-sea leakage in some well fluid lines of MH Asset leading to flow restriction.
- Production loss due to power Shut Downs & Electrical faults due to rains/winds/thunderstorms/ water logging in Western Onshore Assets
- Decline in FTHP (Flowing Tubing Head Pressure) & increase in water-cut in Kesanapalli West field in Rajahmundry

**1.2** Crude oil production by **OIL** during September, 2019 was 259.48 TMT which is 7.15% lower than monthly target and 5.40% lower when compared with September, 2018. Cumulative crude oil production by OIL during April-September, 2019 was 1614.26 TMT which is 4.77% and 4.24% lower than target for the period and production during corresponding period of last year respectively. Major reasons for lower production is less than planned contribution from workover wells and drilling wells.

**1.3** Crude oil production by **Pvt/JVs** during September, 2019 was 719.48 TMT which is 10.63% lower than the monthly target and 11.43% lower than September, 2018. Cumulative crude oil production by Pvt/JVs during April-September, 2019 was 4505.58 TMT which is 8.57% and 10.74% 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-MANGLA (CEIL): Failure in 220 kV line from state grid. Delay in making 45 FM-1/4 infill wells on line. Lag in liquidating the inventory of planned work overs and production optimization jobs. ESP failure in FM-3 well M-357, M-359 and M-387.
- Operational issues in Bhagyam, Aishwarya and ABH fields. (CEIL)
- CB-ONN-2005/9 (Mercator): Oil production from Jyoti-1 is stopped. Well closed for long term pressure build up study and could not be put back in production due to non-grant of EC for development campaign.

## Natural Gas

2. **Natural gas production** during September, 2019 was 2568.11 MMSCM which is 8.77% lower than the monthly target and 4.31% lower when compared with September, 2018. Cumulative natural gas production during April-September, 2019 was 16005.11 MMSCM which is 6.03% and 1.53% 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, 2019 and cumulatively for the period April-September, 2019 vis-à-vis same period of last year has been shown in Table-2 and month-wise in Figure-2.

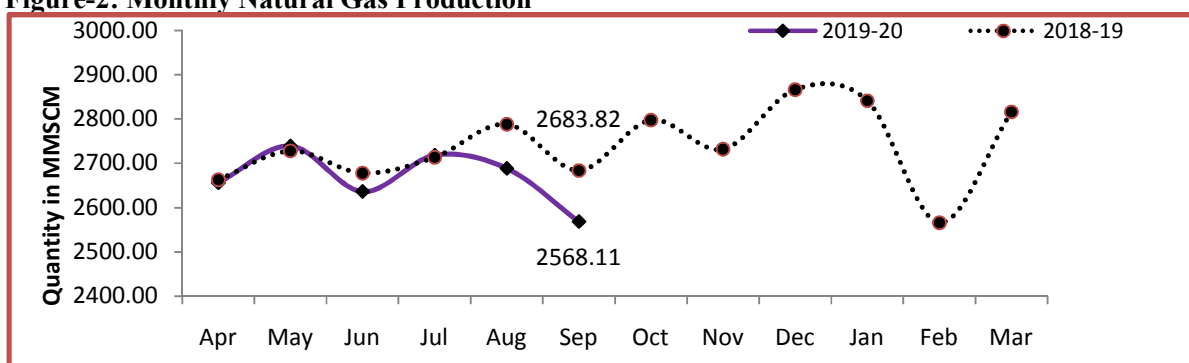
**Table-2: Natural Gas Production (MMSCM)**

Oil Company	Target	September (Month)				April-September (Cumulative)			
	2019-20 (Apr-Mar)	2019-20		2018-19	% over last year	2019-20		2018-19	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
ONGC	25848.00	2066.24	1913.42	2005.61	95.40	12577.00	12071.71	12017.46	100.45
OIL	3309.59	278.86	231.72	228.37	101.46	1697.84	1384.38	1365.78	101.36
PSC Fields	5395.20	469.84	422.98	449.84	94.03	2757.41	2549.03	2871.04	88.78
<b>Total</b>	<b>34552.79</b>	<b>2814.94</b>	<b>2568.11</b>	<b>2683.82</b>	<b>95.69</b>	<b>17032.25</b>	<b>16005.11</b>	<b>16254.29</b>	<b>98.47</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 September, 2019 was 1913.42 MMSCM which is 7.40% lower than target and 4.60% lower when compared with September 2018. Cumulative natural gas production by ONGC during April-September, 2019 was 12071.71 MMSCM which is 0.45% higher than the production during the corresponding period of the last year but 4.02% lower than the cumulative target. Reasons for shortfall in production are as under:

- Less gas production due to restriction at Uran end because of fire incident at Uran Plant on 3rd Sept' 19. Gas production has since been normalised.
- Intermittent less Off take by M/s GAIL and GSPC Pipavav Power Co. Ltd in Eastern Offshore Asset.
- Less production due to less gas off take by OTPC, Tripura due to planned shut down

- Less production due to less gas off take due to grid restrictions/Shut downs/ marketing issues in Cauvery, Jodhpur, Silchar, Rajahmundry.
- Less gas production due to decline in pressure in Kesanapalli West in Rajahmundry, Kuthalam & Kali in Cauvery, Gandhar in Ankleshwar.

**2.2** Natural gas production by **OIL** during September, 2019 was 231.72 MMSCM which is 1.46% higher than the production of corresponding month of late year but lower by 16.91% monthly target. Cumulative natural gas production by OIL during April-September, 2019 was 1384.38 MMSCM which is 1.36% higher than the production during the corresponding period of last year but 18.46% lower than the cumulative target. Reasons for shortfall in production are as under:

- Loss of potential in Deohal area due to presence of CO<sub>2</sub> in production stream.
- Environmental loss (Bandh and miscreant activities).
- Less offtake by M/s. BVFCL due to major repeated unscheduled maintenance issue.

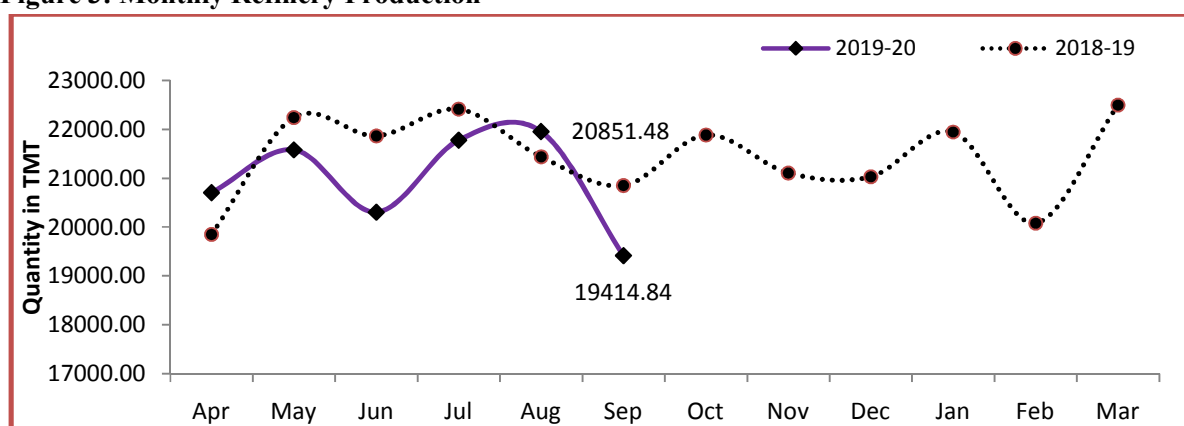
**2.3** Natural gas production by **Pvt/JVs** during September, 2019 was 422.98 MMSCM which is 9.97% lower than monthly target and 5.97% lower than September, 2018. Cumulative natural gas production by Pvt/JVs during April-September, 2019 was 2549.03 MMSCM which is 7.56% lower than the cumulative target and 11.22% lower than the production during the corresponding period of last year. Reasons for shortfall in production are as under:

- KG-DWN-98/3 (RIL): MA field ceased production and closure of 2 wells in D1D3 field.
- KG-OSN-2001/3 (ONGC): Anticipated production from well DDW D-5 has been delayed.
- RJ-ON/6(FEL): Less offtake by customer.

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

**Refinery production** during September, 2019 was 19414.84 TMT which is 0.80% lower than the target for the month and 6.89% lower when compared with September, 2018. Cumulative production during April-September, 2019 was 125728.11 TMT which is 0.73% lower than the target for the period and 2.28% lower than the production during corresponding period of last year. Unit-wise production is given at **Annexure-III**. Company-wise production for the month of September, 2019 and cumulatively for the period April-September, 2019 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	September (Month)				April-September (Cumulative)			
	2019-20 (Apr-Mar)	2019-20		2018-19	% over last year	2019-20		2018-19	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
CPSE	147944.81	10497.83	10743.97	12302.80	87.33	72130.82	71184.24	74795.12	95.17
IOCL	71900.25	5159.18	5162.11	5706.25	90.46	35145.09	34820.22	35482.95	98.13
BPCL	30900.00	2250.00	2257.22	2502.00	90.22	14890.00	15205.53	15400.99	98.73
HPCL	16499.00	1104.00	1379.24	1556.03	88.64	8685.00	8484.47	9277.01	91.46
CPCL	10400.00	680.00	743.43	960.81	77.38	5120.00	5188.76	5526.46	93.89
NRL	2799.80	250.70	210.96	240.55	87.70	1529.40	1394.36	1426.59	97.74
MRPL	15400.00	1050.00	984.14	1332.22	73.87	6740.00	6047.41	7652.10	79.03
ONGC	45.76	3.95	6.87	4.95	138.69	21.34	43.49	29.03	149.83
<b>JVs</b>	<b>18755.00</b>	<b>1538.00</b>	<b>1134.55</b>	<b>1012.94</b>	<b>112.01</b>	<b>9379.00</b>	<b>9640.09</b>	<b>8718.97</b>	<b>110.56</b>
BORL	7800.00	640.00	532.38	0.00	0.00	3900.00	3779.07	2515.13	150.25
HMEL	10955.00	898.00	602.18	1012.94	59.45	5479.00	5861.02	6203.85	94.47
<b>Private</b>	<b>88040.52</b>	<b>7535.74</b>	<b>7536.32</b>	<b>7535.74</b>	<b>100.01</b>	<b>45143.87</b>	<b>44903.78</b>	<b>45143.87</b>	<b>99.47</b>
RIL	69145.00	5801.34	5894.55	5801.34	101.61	34597.75	34503.02	34597.75	99.73
EOL	18895.52	1734.40	1641.76	1734.40	94.66	10546.12	10400.76	10546.12	98.62
<b>TOTAL</b>	<b>254740.32</b>	<b>19571.57</b>	<b>19414.84</b>	<b>20851.48</b>	<b>93.11</b>	<b>126653.69</b>	<b>125728.11</b>	<b>128657.96</b>	<b>97.72</b>

Note: Totals may not tally due to rounding off.

\*: Provisional

**3.1 CPSE Refineries' production** during September, 2019 was 10743.97 TMT which is 2.34% higher than the target for the month but 12.67% lower when compared with September, 2018. Cumulative production by CPSE refineries during April-September, 2019 was 71184.24 TMT which is 1.31% lower than the target for the period and 4.83% lower than the production during corresponding period of last year. Reasons for shortfall of refinery production in some CPSE refineries are as under:

- IOCL, Barauni: DHDT feed high stock due to Diesel Containmentment.
- IOCL, Gujarat: Crude Units idling due to HSD containment.
- IOCL, Panipat: Deferment of planned shutdown.
- BPCL, Kochi: Planned Shutdown of CDU 2/DHDT/VGOHDT.

➤ CPCL, Manali: CDU-1 M&I shutdown.

- 3.2 Production in JV refineries** during September, 2019 was 1134.55 TMT which is 12.01% higher when compared with the production of September, 2018 and 26.23% lower than the target for the month. Cumulative production by JVs refineries during April-September, 2019 was 9640.09 TMT which is 2.78% higher than the target for the period and 10.56% higher than the production during corresponding period of last year.
- 3.3 Production in private refineries** during September, 2019 was 7536.32 TMT which is marginally higher by 0.01% than the target both for the month and corresponding month of last year. Cumulative production by private refineries during April-September, 2019 was 44903.78 TMT which is lower by 0.53% each against the target and corresponding period of last year.
- 3.4 Refinery-wise details of the capacity utilization and production of petroleum products** during the month of September, 2019 and cumulatively for the period April-September, 2019 vis-à-vis April-September, 2018 are given at **Annexures - IV and V** respectively.

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MINISTRY OF PETROLEUM & NATURAL GAS

Annexure-I (Para-1)

Crude Oil Production during the month of September, 2019 and cumulatively for the period April-September, 2019 vis-à-vis April-September, 2018

(Figures in Thousand Metric Tons)

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-September)			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>1763.81</b>	<b>1667.55</b>	<b>1711.27</b>	<b>1716.89</b>	<b>10523.89</b>	<b>10252.18</b>	<b>10676.10</b>	<b>-2.55</b>	<b>-3.97</b>	<b>-5.46</b>
<b>Onshore</b>	<b>502.58</b>	<b>492.98</b>	<b>502.67</b>	<b>508.55</b>	<b>3055.94</b>	<b>3039.12</b>	<b>3041.26</b>	<b>-1.93</b>	<b>-0.07</b>	<b>-1.91</b>
Andhra Pradesh	22.51	15.71	25.21	16.86	131.23	105.00	145.67	-37.68	-27.92	-30.20
Assam ^	83.60	80.08	83.72	81.71	494.40	484.91	496.51	-4.35	-2.34	-4.22
Gujarat	373.56	370.31	368.73	382.23	2285.97	2289.53	2253.07	0.43	1.62	-0.87
Tamil Nadu	22.91	26.88	25.01	27.75	144.34	159.69	146.01	7.46	9.37	17.32
<b>Offshore</b>	<b>1261.23</b>	<b>1174.57</b>	<b>1208.60</b>	<b>1208.34</b>	<b>7467.95</b>	<b>7213.06</b>	<b>7634.83</b>	<b>-2.82</b>	<b>-5.52</b>	<b>-6.87</b>
Eastern Offshore	1.51	1.76	1.29	1.93	9.25	10.38	7.36	36.72	41.06	16.87
Western Offshore	1130.99	1062.34	1088.72	1085.01	6698.98	6484.59	6883.35	-2.42	-5.79	-6.07
Condensates	128.73	110.47	118.59	121.40	759.72	718.08	744.13	-6.85	-3.50	-14.19
<b>2. OIL (Onshore)</b>	<b>279.47</b>	<b>259.48</b>	<b>274.28</b>	<b>274.34</b>	<b>1695.14</b>	<b>1614.26</b>	<b>1685.69</b>	<b>-5.40</b>	<b>-4.24</b>	<b>-7.15</b>
Assam	277.58	257.19	273.51	271.74	1684.26	1599.38	1681.04	-5.97	-4.86	-7.35
Arunachal Pradesh	1.71	1.84	0.60	1.93	9.77	11.37	3.54	206.34	221.18	7.12
Rajsthan (heavy oil)	0.18	0.45	0.17	0.67	1.10	3.51	1.11	167.72	216.81	150.10
<b>3. Private / JVC</b>	<b>805.05</b>	<b>719.48</b>	<b>812.30</b>	<b>758.68</b>	<b>4927.87</b>	<b>4505.58</b>	<b>5047.61</b>	<b>-11.43</b>	<b>-10.74</b>	<b>-10.63</b>
<b>Onshore</b>	<b>668.63</b>	<b>587.95</b>	<b>661.24</b>	<b>626.66</b>	<b>4055.93</b>	<b>3687.69</b>	<b>4111.30</b>	<b>-11.08</b>	<b>-10.30</b>	<b>-12.07</b>
Andhra Pradesh	7.53	4.42	1.23	4.07	40.04	16.03	6.33	258.23	153.10	-41.32
Arunachal Pradesh	2.58	2.79	2.66	2.79	15.87	16.65	17.96	4.80	-7.30	8.26
Assam	3.92	3.09	3.17	3.27	22.50	17.11	15.05	-2.46	13.68	-21.22
Gujarat	29.94	11.62	11.03	10.70	181.74	65.50	69.33	5.38	-5.52	-61.18
Rajasthan	616.55	558.77	635.17	598.26	3747.70	3527.80	3958.18	-12.03	-10.87	-9.37
Tamil Nadu	8.12	7.26	7.98	7.57	48.08	44.60	44.45	-8.93	0.35	-10.54
<b>Offshore</b>	<b>136.42</b>	<b>131.53</b>	<b>151.05</b>	<b>132.02</b>	<b>871.94</b>	<b>817.89</b>	<b>936.31</b>	<b>-12.92</b>	<b>-12.65</b>	<b>-3.58</b>
Eastern Offshore	38.40	41.08	46.45	38.92	260.92	255.66	321.98	-11.57	-20.60	6.99
Gujarat Offshore	58.56	50.69	57.27	54.62	380.30	332.13	350.01	-11.49	-5.11	-13.44
Western Offshore	39.46	39.77	47.34	38.49	230.72	230.10	264.32	-15.99	-12.95	0.78
<b>GRAND TOTAL (1+2+3)</b>	<b>2848.34</b>	<b>2646.51</b>	<b>2797.84</b>	<b>2749.92</b>	<b>17146.90</b>	<b>16372.02</b>	<b>17409.39</b>	<b>-5.41</b>	<b>-5.96</b>	<b>-7.09</b>
Onshore	1450.69	1340.41	1438.18	1409.55	8807.00	8341.08	8838.25	-6.80	-5.63	-7.60
Offshore	1397.65	1306.10	1359.65	1340.37	8339.89	8030.95	8571.14	-3.94	-6.30	-6.55

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.

Natural Gas Production during the month of September, 2019 and cumulatively for the period April-September, 2019 vis-à-vis April-September, 2018

(Figures in Million Cubic Meters)

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-September)			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			
<b>1. ONGC</b>	<b>2066.24</b>	<b>1913.42</b>	<b>2005.61</b>	<b>2007.24</b>	<b>12577.00</b>	<b>12071.71</b>	<b>12017.46</b>	<b>-4.60</b>	<b>0.45</b>	<b>-7.40</b>
<b>Onshore</b>	<b>497.77</b>	<b>426.07</b>	<b>456.39</b>	<b>445.85</b>	<b>3062.72</b>	<b>2683.62</b>	<b>2780.50</b>	<b>-6.64</b>	<b>-3.48</b>	<b>-14.40</b>
Andhra Pradesh	82.96	73.45	91.30	75.42	502.97	450.21	539.00	-19.54	-16.47	-11.46
Assam	46.84	39.55	40.87	40.59	277.21	235.33	245.32	-3.24	-4.07	-15.57
Gujarat	101.71	101.32	112.15	107.48	628.58	641.86	669.72	-9.66	-4.16	-0.39
Rajasthan	5.22	0.00	0.73	0.00	31.84	0.00	4.25	-	-	-
Tamil Nadu	114.51	88.27	96.87	93.72	706.10	530.40	598.18	-8.88	-11.33	-22.92
Tripura	146.52	123.49	114.48	128.64	916.01	825.82	724.04	7.86	14.06	-15.72
<b>Offshore</b>	<b>1568.47</b>	<b>1487.34</b>	<b>1549.22</b>	<b>1561.39</b>	<b>9514.28</b>	<b>9388.08</b>	<b>9236.96</b>	<b>-3.99</b>	<b>1.64</b>	<b>-5.17</b>
Eastern Offshore	103.07	85.97	63.66	94.00	584.07	546.50	393.95	35.03	38.72	-16.59
Western Offshore	1465.40	1401.38	1485.56	1467.39	8930.21	8841.59	8843.01	-5.67	-0.02	-4.37
<b>2. OIL</b>	<b>278.86</b>	<b>231.72</b>	<b>228.37</b>	<b>236.93</b>	<b>1697.84</b>	<b>1384.38</b>	<b>1365.78</b>	<b>1.46</b>	<b>1.36</b>	<b>-16.91</b>
Assam	260.19	206.98	209.98	212.45	1583.93	1243.23	1252.56	-1.43	-0.75	-20.45
Arunachal Pradesh	1.05	3.65	1.59	3.72	6.41	14.49	6.39	129.24	126.60	247.62
Rajasthan	17.62	21.09	16.80	20.77	107.50	126.66	106.83	25.54	18.57	19.67
<b>3. Private / JVC</b>	<b>469.84</b>	<b>422.98</b>	<b>449.84</b>	<b>444.06</b>	<b>2757.41</b>	<b>2549.03</b>	<b>2871.04</b>	<b>-5.97</b>	<b>-11.22</b>	<b>-9.97</b>
<b>Onshore</b>	<b>173.63</b>	<b>172.82</b>	<b>141.83</b>	<b>183.96</b>	<b>988.99</b>	<b>959.07</b>	<b>852.62</b>	<b>21.85</b>	<b>12.49</b>	<b>-0.47</b>
Andhra Pradesh	4.29	1.41	0.49	1.50	20.75	5.70	2.58	187.96	120.60	-67.08
Arunachal Pradesh	0.63	0.61	0.70	0.63	3.89	3.74	9.60	-12.46	-61.09	-3.32
Assam	33.61	30.94	30.05	33.30	201.79	170.80	144.57	2.96	18.14	-7.94
Gujarat	9.52	5.96	5.93	6.17	54.65	33.78	36.22	0.66	-6.73	-37.35
Rajasthan	122.67	131.42	102.26	139.80	690.60	730.46	648.59	28.51	12.62	7.13
Tamil Nadu	2.92	2.48	2.41	2.55	17.32	14.60	11.06	2.78	32.03	-15.15
<b>CBM</b>	<b>82.71</b>	<b>52.28</b>	<b>54.22</b>	<b>54.21</b>	<b>470.97</b>	<b>326.37</b>	<b>352.82</b>	<b>-3.58</b>	<b>-7.50</b>	<b>-36.79</b>
Jharkhand (CBM)	0.55	0.44	0.23	0.40	3.33	2.55	1.39	96.46	83.05	-18.68
Madhya Pradesh (CBM)	42.30	28.15	27.66	28.48	229.80	170.78	178.34	1.78	-4.24	-33.45
West Bengal (CBM)	39.86	23.68	26.33	25.33	237.84	153.05	173.09	-10.06	-11.58	-40.59
<b>Offshore</b>	<b>213.50</b>	<b>197.88</b>	<b>253.79</b>	<b>205.89</b>	<b>1297.45</b>	<b>1263.58</b>	<b>1665.60</b>	<b>-22.03</b>	<b>-24.14</b>	<b>-7.31</b>
Eastern Offshore	93.11	76.68	114.48	83.06	587.30	495.78	866.92	-33.02	-42.81	-17.65
Gujarat Offshore	13.78	9.57	8.66	9.99	87.13	70.51	52.43	10.58	34.49	-30.52
Western Offshore	106.61	111.63	130.66	112.85	623.02	697.30	746.26	-14.56	-6.56	4.71
<b>TOTAL (1+2+3)</b>	<b>2814.94</b>	<b>2568.11</b>	<b>2683.82</b>	<b>2688.23</b>	<b>17032.25</b>	<b>16005.11</b>	<b>16254.29</b>	<b>-4.31</b>	<b>-1.53</b>	<b>-8.77</b>
CBM	82.71	52.28	54.22	54.21	470.97	326.37	352.82	-3.58	-7.50	-36.79
Onshore	950.26	830.61	826.59	866.75	5749.55	5027.07	4998.90	0.49	0.56	-12.59
Offshore	1781.97	1685.23	1803.02	1767.28	10811.73	10651.67	10902.56	-6.53	-2.30	-5.43

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 (Para-3)

Crude Oil Processed during the month of September, 2019 and cumulatively for the period April-September, 2019 vis-à-vis April-September, 2018

(Figures in Thousand Metric Tons)

Name of Undertaking/Unit	Planned production during the month	Production during the			Cumulative Production			% variation		% variation during the month under review over planned production
		Month under review *	Corresponding month of last year	Preceding month of current year **	(April-September)			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>A. Public Sector</b>	<b>10497.83</b>	<b>10743.97</b>	<b>12302.80</b>	<b>12492.89</b>	<b>72130.82</b>	<b>71184.24</b>	<b>74795.12</b>	<b>-12.67</b>	<b>-4.83</b>	<b>2.34</b>
1. IOC, Guwahati	91.00	89.60	90.58	92.77	507.00	497.99	545.45	-1.09	-8.70	-1.54
2. IOC, Barauni	438.50	434.61	474.58	461.79	3203.42	3198.80	3188.66	-8.42	0.32	-0.89
3. IOC, Gujarat	1230.00	1086.22	1002.13	993.80	5722.89	5590.06	6587.21	8.39	-15.14	-11.69
4. IOC, Haldia	409.40	515.59	676.08	599.92	3904.30	3899.38	4033.50	-23.74	-3.33	25.94
5. IOC, Mathura	840.00	843.13	720.78	858.56	5136.00	5207.92	4837.58	16.97	7.66	0.37
6. IOC, Digboi	51.00	53.69	58.11	50.10	329.00	319.31	338.68	-7.62	-5.72	5.27
7. IOC, Panipat	675.00	580.47	1332.48	1329.78	7300.20	7132.82	8183.77	-56.44	-12.84	-14.00
8. IOC, Bongaigaon	69.28	206.52	200.90	207.61	1171.98	1210.71	1200.63	2.79	0.84	198.07
9. IOC, Paradip	1355.00	1352.30	1150.60	1365.03	7870.30	7763.25	6567.47	17.53	18.21	-0.20
<b>Total IOC</b>	<b>5159.18</b>	<b>5162.11</b>	<b>5706.25</b>	<b>5959.36</b>	<b>35145.09</b>	<b>34820.22</b>	<b>35482.95</b>	<b>-9.54</b>	<b>-1.87</b>	<b>0.06</b>
10. BPCL, Mumbai	1300.00	1303.77	1149.82	1302.69	6960.00	6989.89	7203.50	13.39	-2.97	0.29
11. BPCL, Kochi	950.00	953.45	1352.17	1444.09	7930.00	8215.64	8197.49	-29.49	0.22	0.36
<b>Total BPCL</b>	<b>2250.00</b>	<b>2257.22</b>	<b>2502.00</b>	<b>2746.77</b>	<b>14890.00</b>	<b>15205.53</b>	<b>15400.99</b>	<b>-9.78</b>	<b>-1.27</b>	<b>0.32</b>
12. HPCL, Mumbai	702.00	752.86	741.85	766.60	4182.00	3849.57	4374.44	1.48	-12.00	7.24
13. HPCL, Visakh	402.00	626.38	814.18	796.53	4503.00	4634.90	4902.57	-23.07	-5.46	55.82
<b>Total HPCL</b>	<b>1104.00</b>	<b>1379.24</b>	<b>1556.03</b>	<b>1563.13</b>	<b>8685.00</b>	<b>8484.47</b>	<b>9277.01</b>	<b>-11.36</b>	<b>-8.54</b>	<b>24.93</b>
14. CPCL, Manali	680.00	743.43	924.01	898.16	5120.00	5188.76	5348.26	-19.54	-2.98	9.33
15. CPCL, CBR	0.00	0.00	36.80	0.00	0.00	0.00	178.20	-	-	-
<b>Total CPCL</b>	<b>680.00</b>	<b>743.43</b>	<b>960.81</b>	<b>898.16</b>	<b>5120.00</b>	<b>5188.76</b>	<b>5526.46</b>	<b>-22.62</b>	<b>-6.11</b>	<b>9.33</b>
16. NRL, Numaligarh	250.70	210.96	240.55	243.13	1529.40	1394.36	1426.59	-12.30	-2.26	-15.85
17. MRPL, Mangalore	1050.00	984.14	1332.22	1074.72	6740.00	6047.41	7652.10	-26.13	-20.97	-6.27
18. ONGC, Tatipaka	3.95	6.87	4.95	7.62	21.34	43.49	29.03	38.69	49.83	73.79
<b>B. Joint Venture</b>	<b>1538.00</b>	<b>1134.55</b>	<b>1012.94</b>	<b>1655.07</b>	<b>9379.00</b>	<b>9640.09</b>	<b>8718.97</b>	<b>12.01</b>	<b>10.56</b>	<b>-26.23</b>
19. BORL, Bina	640.00	532.38	0.00	670.33	3900.00	3779.07	2515.13	0.00	50.25	-16.82
20. HMEL, GGSR, Bhatinda	898.00	602.18	1012.94	984.74	5479.00	5861.02	6203.85	-40.55	-5.53	-32.94
<b>C. Private Sector</b>	<b>7535.74</b>	<b>7536.32</b>	<b>7535.74</b>	<b>7804.71</b>	<b>45143.87</b>	<b>44903.78</b>	<b>45143.87</b>	<b>0.01</b>	<b>-0.53</b>	<b>0.01</b>
21. RIL, Jamnagar	2663.67	2866.09	2663.67	2824.85	16463.09	15428.82	16463.09	7.60	-6.28	7.60
22. RIL, SEZ	3137.66	3028.46	3137.66	3197.29	18134.66	19074.20	18134.66	-3.48	5.18	-3.48
<b>Total RIL</b>	<b>5801.34</b>	<b>5894.55</b>	<b>5801.34</b>	<b>6022.14</b>	<b>34597.75</b>	<b>34503.02</b>	<b>34597.75</b>	<b>1.61</b>	<b>-0.27</b>	<b>1.61</b>
23. EOL, Vadinar	1734.40	1641.76	1734.40	1782.57	10546.12	10400.76	10546.12	-5.34	-1.38	-5.34
<b>TOTAL(A+B+C)</b>	<b>19571.57</b>	<b>19414.84</b>	<b>20851.48</b>	<b>21952.67</b>	<b>126653.69</b>	<b>125728.11</b>	<b>128657.96</b>	<b>-6.89</b>	<b>-2.28</b>	<b>-0.80</b>

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

2. CPCL CBR crude distillation unit under shutdown from 01.04.2019 for project activities.

Reasons for shortfall are indicated in the note.

MINISTRY OF PETROLEUM & NATURAL GAS

Annexure-IV (Para 3.4)

Refinery-wise Capacity Utilisation during the month of September, 2019 and cumulatively for the period April-September, 2019 vis-à-vis April-September, 2018

(Figures in Thousand Metric Tons)

Name of Undertaking/Unit	September, 2019			September, 2018			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	2019-20			2018-19		
							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>11677.00</b>	<b>10743.97</b>	<b>92.01</b>	<b>11677.00</b>	<b>12302.80</b>	<b>105.36</b>	<b>71033.00</b>	<b>71184.24</b>	<b>100.21</b>	<b>71228.00</b>	<b>74795.12</b>	<b>105.01</b>
1. IOC, Guwahati	82.00	89.60	109.26	82.00	90.58	110.47	500.00	497.99	99.60	501.00	545.45	108.87
2. IOC, Barauni	493.00	434.61	88.16	493.00	474.58	96.26	3000.00	3198.80	106.63	3008.00	3188.66	106.01
3. IOC, Gujarat	1126.00	1086.22	96.47	1126.00	1002.13	89.00	6850.00	5590.06	81.61	6869.00	6587.21	95.90
4. IOC, Haldia	616.00	515.59	83.70	616.00	676.08	109.75	3750.00	3899.38	103.98	3760.00	4033.50	107.27
5. IOC, Mathura	658.00	843.13	128.13	658.00	720.78	109.54	4000.00	5207.92	130.20	4011.00	4837.58	120.61
6. IOC, Digboi	53.00	53.69	101.30	53.00	58.11	109.65	325.00	319.31	98.25	326.00	338.68	103.89
7. IOC, Panipat	1233.00	580.47	47.08	1233.00	1332.48	108.07	7500.00	7132.82	95.10	7521.00	8183.77	108.81
8. IOC, Bongaigaon	193.00	206.52	107.00	193.00	200.90	104.09	1175.00	1210.71	103.04	1178.00	1200.63	101.92
9. IOC, Paradip	1233.00	1352.30	109.68	1233.00	1150.60	0.00	7500.00	7763.25	103.51	7521.00	6567.47	0.00
<b>Total IOC</b>	<b>5688.00</b>	<b>5162.11</b>	<b>90.75</b>	<b>5688.00</b>	<b>5706.25</b>	<b>100.32</b>	<b>34600.00</b>	<b>34820.22</b>	<b>100.64</b>	<b>34695.00</b>	<b>35482.95</b>	<b>102.27</b>
10. BPCL, Mumbai	986.00	1303.77	132.23	986.00	1149.82	116.62	6000.00	6989.89	116.50	6016.00	7203.50	119.74
11. BPCL, Kochi	1274.00	953.45	74.84	1274.00	1352.17	106.14	7750.00	8215.64	106.01	7771.00	8197.49	105.49
<b>Total BPCL</b>	<b>2260.00</b>	<b>2257.22</b>	<b>99.88</b>	<b>2260.00</b>	<b>2502.00</b>	<b>110.71</b>	<b>13750.00</b>	<b>15205.53</b>	<b>110.59</b>	<b>13788.00</b>	<b>15400.99</b>	<b>111.70</b>
12. HPCL, Mumbai	616.00	752.86	122.22	616.00	741.85	120.43	3750.00	3849.57	102.66	3760.00	4374.44	116.34
13. HPCL, Visakh	682.00	626.38	91.84	682.00	814.18	119.38	4150.00	4634.90	111.68	4161.00	4902.57	117.82
<b>Total HPCL</b>	<b>1299.00</b>	<b>1379.24</b>	<b>106.18</b>	<b>1299.00</b>	<b>1556.03</b>	<b>119.79</b>	<b>7900.00</b>	<b>8484.47</b>	<b>107.40</b>	<b>7922.00</b>	<b>9277.01</b>	<b>117.10</b>
14. CPCL, Manali	863.00	743.43	86.14	863.00	924.01	107.07	5250.00	5188.76	98.83	5264.00	5348.26	101.60
15. CPCL, CBR	82.00	0.00	0.00	82.00	36.80	44.88	500.00	0.00	0.00	501.00	178.20	35.57
<b>Total CPCL</b>	<b>945.00</b>	<b>743.43</b>	<b>78.67</b>	<b>945.00</b>	<b>960.81</b>	<b>101.67</b>	<b>5750.00</b>	<b>5188.76</b>	<b>90.24</b>	<b>5766.00</b>	<b>5526.46</b>	<b>95.85</b>
16. NRL, Numaligarh	247.00	210.96	85.41	247.00	240.55	97.39	1500.00	1394.36	92.96	1504.00	1426.59	94.85
17. MRPL, Mangalore	1233.00	984.14	79.82	1233.00	1332.22	108.05	7500.00	6047.41	80.63	7521.00	7652.10	101.74
18. ONGC, Tatipaka	5.00	6.87	137.36	5.00	4.95	99.04	33.00	43.49	131.79	33.00	29.03	87.96
<b>B. Joint Venture</b>	<b>1570.00</b>	<b>1134.55</b>	<b>72.26</b>	<b>1422.00</b>	<b>1012.94</b>	<b>71.23</b>	<b>9550.00</b>	<b>9640.09</b>	<b>100.94</b>	<b>8674.00</b>	<b>8718.97</b>	<b>100.52</b>
19. BORL, Bina	641.00	532.38	83.05	493.00	0.00	0.00	3900.00	3779.07	96.90	3008.00	2515.13	83.61
20. HMEL, GGSR, Bhatinda	929.00	602.18	64.82	929.00	1012.94	109.04	5650.00	5861.02	103.73	5665.00	6203.85	109.51
<b>C. Private Sector</b>	<b>7249.00</b>	<b>7536.32</b>	<b>103.96</b>	<b>7249.00</b>	<b>7535.74</b>	<b>103.96</b>	<b>44100.00</b>	<b>44903.78</b>	<b>101.82</b>	<b>44221.00</b>	<b>45143.87</b>	<b>102.09</b>
21. RIL, Jamnagar	2712.00	2866.09	105.68	2712.00	2663.67	98.22	16500.00	15428.82	93.51	16545.00	16463.09	99.50
22. RIL, SEZ	2893.00	3028.46	104.68	2893.00	3137.66	108.46	17600.00	19074.20	108.38	17648.00	18134.66	102.76
<b>Total RIL</b>	<b>5605.00</b>	<b>5894.55</b>	<b>105.17</b>	<b>5605.00</b>	<b>5801.34</b>	<b>103.50</b>	<b>34100.00</b>	<b>34503.02</b>	<b>101.18</b>	<b>34193.00</b>	<b>34597.75</b>	<b>101.18</b>
23. EOL, Vadinar	1644.00	1641.76	99.86	1644.00	1734.40	105.50	10000.00	10400.76	104.01	10027.00	10546.12	105.18
<b>TOTAL(A+B+C)</b>	<b>20496.00</b>	<b>19414.84</b>	<b>94.73</b>	<b>20348.00</b>	<b>20851.48</b>	<b>102.47</b>	<b>124683.00</b>	<b>125728.11</b>	<b>100.84</b>	<b>124122.00</b>	<b>128657.96</b>	<b>103.65</b>

Note: Crude throughput in terms of crude oil processed. \*: Provisional. \*\*: Revised

MINISTRY OF PETROLEUM & NATURAL GAS

Annexure-V (Para 3.4)

Production of Petroleum Products during the month of September, 2019 and cumulatively for the period April-September, 2019 vis-à-vis April-September, 2018

(Figures in Thousand Metric Tons)

Name of Undertaking/Unit	Planned production during the month	Production during the			Cumulative Production (April-September)			% 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>A. Public Sector</b>	<b>9973.60</b>	<b>10080.59</b>	<b>11479.43</b>	<b>11754.04</b>	<b>68030.49</b>	<b>66922.75</b>	<b>70434.41</b>	<b>-12.19</b>	<b>-4.99</b>	<b>1.07</b>
1. IOC, Guwahati	92.17	99.67	104.40	98.95	519.86	603.01	609.89	-4.53	-1.13	8.13
2. IOC, Barauni	452.66	349.66	440.77	340.82	2945.77	2806.46	2980.87	-20.67	-5.85	-22.75
3. IOC, Gujarat	1230.90	1037.36	953.74	929.23	5456.24	5190.05	6210.09	8.77	-16.43	-15.72
4. IOC, Haldia	370.59	505.60	628.86	528.39	3598.78	3603.34	3796.09	-19.60	-5.08	36.43
5. IOC, Mathura	811.77	832.35	708.14	846.16	4982.99	5074.90	4742.40	17.54	7.01	2.54
6. IOC, Digboi	70.74	53.90	59.10	38.96	404.03	310.75	339.99	-8.79	-8.60	-23.80
7. IOC, Panipat	642.68	628.86	1321.15	1327.13	7385.45	7258.77	8260.14	-52.40	-12.12	-2.15
8. IOC, Bongaigaon	59.66	189.19	179.33	206.01	1081.74	1171.71	1098.28	5.50	6.69	217.12
9. IOC, Paradip	1236.49	1227.93	1046.59	1261.87	7178.50	6996.45	5888.47	17.33	18.82	-0.69
<b>Total IOC</b>	<b>4967.65</b>	<b>4924.52</b>	<b>5442.08</b>	<b>5577.52</b>	<b>33553.36</b>	<b>33015.44</b>	<b>33926.21</b>	<b>-9.51</b>	<b>-2.68</b>	<b>-0.87</b>
10. BPCL, Mumbai	1244.00	1278.20	1086.48	1247.92	6668.00	6678.32	6894.39	17.65	-3.13	2.75
11. BPCL, Kochi	910.08	814.22	1233.01	1315.14	7430.39	7584.03	7590.46	-33.97	-0.08	-10.53
<b>Total BPCL</b>	<b>2154.08</b>	<b>2092.41</b>	<b>2319.49</b>	<b>2563.06</b>	<b>14098.38</b>	<b>14262.35</b>	<b>14484.86</b>	<b>-9.79</b>	<b>-1.54</b>	<b>-2.86</b>
12. HPCL, Mumbai	661.00	713.73	685.33	748.11	3937.00	3678.14	4111.68	4.14	-10.54	7.98
13. HPCL, Visakh	372.00	497.03	730.32	748.03	4164.00	4183.63	4555.00	-31.94	-8.15	33.61
<b>Total HPCL</b>	<b>1033.00</b>	<b>1210.76</b>	<b>1415.65</b>	<b>1496.14</b>	<b>8101.00</b>	<b>7861.78</b>	<b>8666.68</b>	<b>-14.47</b>	<b>-9.29</b>	<b>17.21</b>
14. CPCL, Manali	606.44	703.10	837.46	818.63	4610.34	4786.93	4818.88	-16.04	-0.66	15.94
15. CPCL, CBR	0.00	0.00	37.10	0.00	0.00	0.88	179.59	-	-	-
<b>Total CPCL</b>	<b>606.44</b>	<b>703.10</b>	<b>874.56</b>	<b>818.63</b>	<b>4610.34</b>	<b>4787.82</b>	<b>4998.47</b>	<b>-19.61</b>	<b>-4.21</b>	<b>15.94</b>
16. NRL, Numaligarh	245.69	210.68	235.72	232.36	1498.59	1348.18	1399.71	-10.62	-3.68	-14.25
17. MRPL, Mangalore	962.93	932.45	1187.27	1059.09	6148.29	5606.33	6930.84	-21.46	-19.11	-3.17
18. ONGC, Tatipaka	3.80	6.66	4.66	7.24	20.52	40.85	27.65	42.95	47.75	75.34
<b>B. Joint Venture</b>	<b>1413.72</b>	<b>1119.83</b>	<b>966.12</b>	<b>1476.80</b>	<b>8618.70</b>	<b>8991.63</b>	<b>8176.05</b>	<b>15.91</b>	<b>9.98</b>	<b>-20.79</b>
19. BORL, Bina	569.72	519.75	-1.13	605.34	3471.70	3463.19	2311.52	-45974.14	49.82	-8.77
20. HMEL, GGSR, Bhatinda	844.00	600.07	967.26	871.46	5147.00	5528.44	5864.54	-37.96	-5.73	-28.90
<b>C. Private Sector</b>	<b>8438.61</b>	<b>8339.79</b>	<b>8438.61</b>	<b>8564.91</b>	<b>49719.00</b>	<b>49837.80</b>	<b>49719.00</b>	<b>-1.17</b>	<b>0.24</b>	<b>-1.17</b>
21. RIL, Jamnagar	2812.24	2960.17	2812.24	3066.43	17196.66	16415.30	17196.66	5.26	-4.54	5.26
22. RIL, SEZ	3987.39	3800.76	3987.39	3850.50	22374.39	23471.13	22374.39	-4.68	4.90	-4.68
<b>Total RIL</b>	<b>6799.63</b>	<b>6760.93</b>	<b>6799.63</b>	<b>6916.93</b>	<b>39571.05</b>	<b>39886.43</b>	<b>39571.05</b>	<b>-0.57</b>	<b>0.80</b>	<b>-0.57</b>
23. EOL, Vadinar	1638.98	1578.86	1638.98	1647.98	10147.95	9951.37	10147.95	-3.67	-1.94	-3.67
<b>TOTAL REFINERY (A+B+C)</b>	<b>19825.93</b>	<b>19540.20</b>	<b>20884.16</b>	<b>21795.75</b>	<b>126368.19</b>	<b>125752.17</b>	<b>128329.47</b>	<b>-6.44</b>	<b>-2.01</b>	<b>-1.44</b>
ONGC	271.97	234.00	304.84	276.21	1655.04	1728.30	1766.58	-23.24	-2.17	-13.96
GAIL	102.93	114.39	113.75	111.28	609.62	627.08	650.40	0.56	-3.59	11.12
OIL	0.00	0.00	2.75	1.41	14.90	13.60	16.73	-100.00	-18.67	0.00
<b>D. Total Fractionators</b>	<b>374.90</b>	<b>348.39</b>	<b>421.34</b>	<b>388.89</b>	<b>2279.56</b>	<b>2368.98</b>	<b>2433.71</b>	<b>-17.31</b>	<b>-2.66</b>	<b>-7.07</b>
<b>Grand Total (A+B+C+D)</b>	<b>20200.83</b>	<b>19888.59</b>	<b>21305.51</b>	<b>22184.64</b>	<b>128647.75</b>	<b>128121.15</b>	<b>130763.17</b>	<b>-6.65</b>	<b>-2.02</b>	<b>-1.55</b>

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